CABLE CATALOGUE

WABCO

Original document:
The German version is the original document.

Translation of the original document:
All non-German language editions are translations of the original document.

Edition 1 , Version 2 (07.2020)
Document number: 815 010 047 3 (en)

You will find the current edition at:
http://www.wabco.info/i/1131

Table of contents

1 List of abbreviations 4
2 General information 5
3 Installation instructions 6
4 Cable List 8
5 System overview 15
6 TEBS E 16
7 Electronic extension module 30
8 TEBS D 36
9 EBS on towing vehicle 47
10 CAN router / CAN repeater 48
11 VCS II 52
12 VCS 62
13 Vario C 67
14 ECAS™ 70
15 Trailer Central Electronic 75
16 Electronic air suspension module 83
17 OptiTire™ / IVTM 85
18 TrailerGUARD™ 88
19 Brake lining wear 91
20 Solenoid valve cable 93
21 Sensor cable 100
22 Miscellaneous 107
23 WABCO regional offices 114

1 List of abbreviations

ABBREVIATION	MEANING
ABS	Anti-Lock Braking System
BVA	(German: Bremsbelagverschleißanzeige); brake lining wear indicator
CAN	Controller Area Network; asynchronous serial bus system for networking control units in vehicles
DIN	(German: Deutsches Institut für Normung); German Institute for Standardisation
ECU	Electronic Control Unit
ECAS™	Electronically Controlled Air Suspension
eTASC	Electronic Trailer Air Suspension Control; rotary slide valve with RTR and ECAS™ functions
GIO	Generic Input/Output
HDSCS	Heavy Duty Sealed Connector Series; sealed plug connection
ILS	(German: Integrierte Liftachs-Steuerung); Integrated lifting axle control
ISO	International Organization for Standardization
ISS	Integrated Speed Switch
IVTM	Integrated Vehicle Tyre Monitoring system for commercial vehicles
LIN	Local Interconnect Network; specification for a serial communication system, also called LIN bus; sensor interface
MRV	(German: Magnetregelventil); Solenoid control valve
PREV	Park Release Emergency Valve
RGE	Running gear; external system
RSS	Roll Stability Support
RtR	Return to Ride; return to normal level (air suspension)
RV	Relay valve
TASC™	Trailer Air Suspension Control; rotary slide valve with RtR function
TEBS	Electronic Braking System for Trailers
TH	Traction Help; low-speed traction control
VCS	Vario Compact System

2 General information

Purpose of this document

This document gives an overview of the different cables used by WABCO.

WABCO Academy

https://www.wabco-academy.com/home/

WABCO Online product catalogue

http://inform.wabco-auto.com/

Registered trademarks

ECAS™, OptiLink™, OptiTire™, TailGUARD™, TASC™, TrailerGUARD™ and TX-TRAILERGUARD™ are registered trademarks of WABCO and may not be used by third parties without the consent of the owner.

Unavailable products

Some products are illustrated in this publication which are not or only partly available. This is intended to serve as information for our customers, and to help them find alternatives for the respective products if necessary.

3 Installation instructions

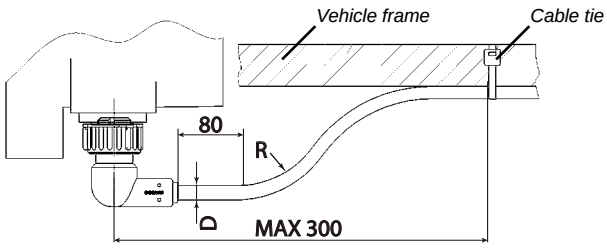
Connector assembly

- Protect the plug connections against environmental influences (moisture, dust, dirt) during the assembly.
- Make sure that the seals are on the cable connector and that they are undamaged and clean.
- The use of additives such as contact spray, contact grease or cold cleaner in the connector area is not permitted without the approval of WABCO. These substances can damage the seals and plastics.
- Plug the cable connectors completely onto the matching counterparts. All contacts must fit cleanly into one another. Then lock the plug connection in its end position.
- The ISO 7638 socket must be mounted tilted downwards at an angle of between 0° and 30°. Otherwise water could collect in the plug when coupling / uncoupling the connection. Connect any unused ISO 7638 plugs to the parking receptacle.

Laying and fastening the cables

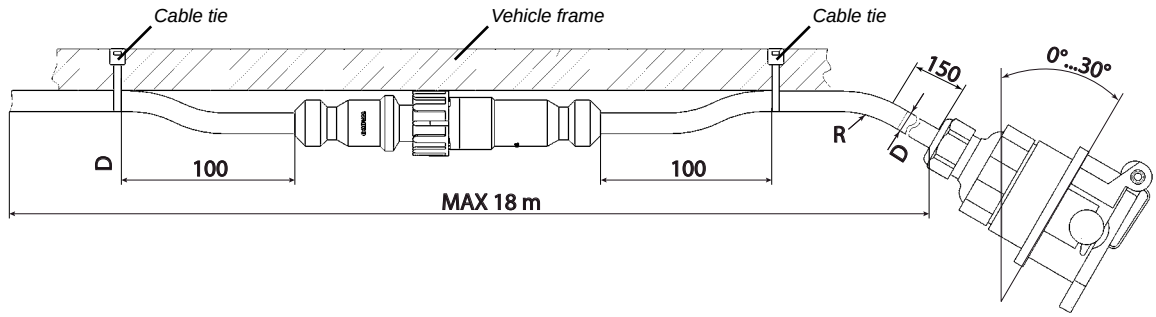
- The cables must not be sharply kinked directly after the connector. Keep the cable straight for 1x the connector length (H) after the connector. Reference value: approx. 100 mm from the end of the connector.
- Observe a minimum bending radius (R) ≥ 10x cable diameter (D). Reference value: 100 mm. Kinked cables and heavy cable bundles are not permitted and can cause damage and unforeseeable failures.
- Fasten the cables and connectors so that the plug connections are not subjected to any tensile stress or lateral forces.
- Secure the first cable fixation max. 300 mm after the plug connection (see illustrations below).
- Only fasten cables to elements that are rigidly attached to the component, e.g. the vehicle frame. Fastening cables to flexible elements can cause cable breakages and the seal could break. Prevent any relative movement between the cable and the component (exception: wheel sensors).
- Make sure that the cable ties are not excessively tightened. This can cause damage to the cable sheath and copper strands. The maximum tensile forces stipulated by the manufacturer must not be exceeded. Use cable ties that are as wide as possible (> 4.7 mm). Avoid attaching them tightly to flexible, pulsating elements such as hoses. For safety reasons, special cable ties (e.g. WABCO 894 326 012 4) should be used for critical installations.
- Take protective measures when routing cables in hazardous areas (e.g. sharp edges, aggressive media, high temperatures).
- Seal open-ended cables separately or route them into a waterproof junction box.

Solenoid valve cable

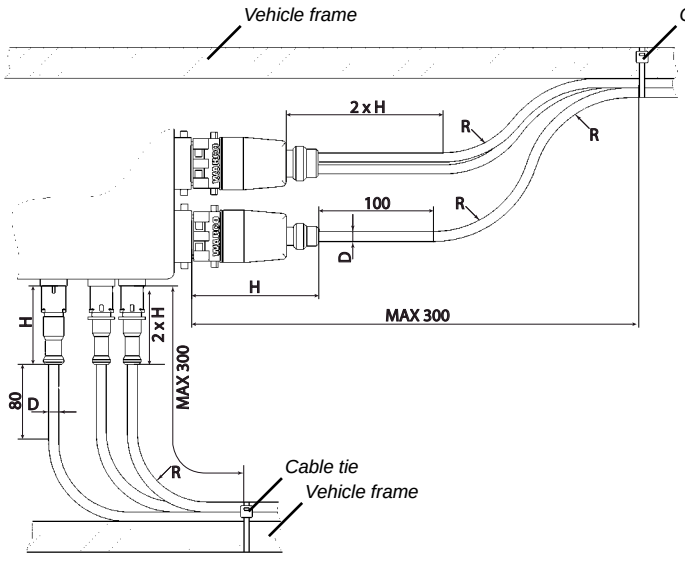


R ≥ 10 x D

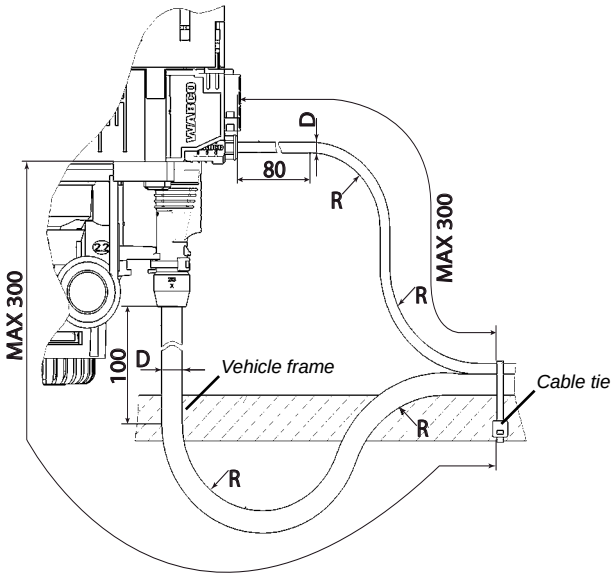
Supply cable



TEBS D modulator



TEBS E modulator



4 Cable List

Part Number	Designation / Use	System / Chapter	Page(s)
441 032 XXX 4	Protective cap for sensor connection	TEBS D	46
441 902 XXX 2	Cable bridge	Brake lining wear	92
446 008 XXX 0	Coiled cable	Various	108
446 008 XXX 2	Connectors, sockets, accessories	Various	107 - 112
446 008 XXX 4	Contact pins	Various	109
446 009 XXX 2	Spring contact plug	Various	110
446 010 XXX 2	Distribution box	Various	107
446 055 XXX 2	ECAS equipment pack	ECAS	73
446 105 0XX 2	Bottom part of box, accessories	Vario C	69
446 105 5XX 2	Warning / signal light	Various	113
446 105 XXX 4	Bottom part of box, accessories	Vario C, ECAS	69, 73
446 122 XXX 0	Distribution box	Various	107
449 029 XXX 0	TX-TRAILERGUARD™	TEBS E	21
449 030 XXX 0	TX-TRAILERGUARD™	TEBS E	29
449 033 XXX 0	SmartBoard and TX-TRAILERGUARD™	TEBS E	21
449 112 XXX 0	Supply to semitrailers	VCS	62
449 113 XXX 0	Supply to semitrailers	Trailer Central Electronic	76
449 121 XXX 0	Supply with open end	Trailer Central Electronic	77
449 124 XXX 0	Y-supply to semitrailers	VCS II	54
449 125 XXX 0	Supply to semitrailers	VCS II	53
449 126 XXX 0	Supply to semitrailers	VCS II	55
449 127 XXX 0	Y-supply to semitrailers	VCS II	54
449 132 XXX 0	Supply with separating point	VCS II, VCS	53, 63
449 133 XXX 0	Supply with separating point	Different systems	18, 37, 49, 76
449 134 XXX 0	Y-supply to semitrailers	VCS II	56
449 135 XXX 0	Supply with separating point	Different systems	18, 37, 49, 76
449 142 XXX 0	Supply to semitrailers	Vario C	67
449 144 XXX 0	Y-supply to semitrailers	VCS II	57
449 152 XXX 0	Supply to semitrailers	Vario C	67
449 172 XXX 0	Supply to semitrailers	Different systems	38, 50, 75
449 173 XXX 0	Supply to semitrailers	TEBS E, CAN router / repeater	17, 50
449 212 XXX 0	Supply to drawbar trailers	VCS	62
449 222 XXX 0	Supply to drawbar trailers	Vario C	67
449 224 XXX 0	Y-supply to drawbar trailers	VCS II	55
449 225 XXX 0	Supply to semitrailers	VCS II	53
449 226 XXX 0	Supply to drawbar trailers	VCS II	55
449 231 XXX 0	Supply with separating point	TEBS E, CAN router / repeater	18, 49
449 232 XXX 0	Supply to drawbar trailers	Vario C	67
449 233 XXX 0	Supply with separating point	Different systems	18, 37, 49, 76
449 234 XXX 0	Y-supply to drawbar trailers	VCS II	56
449 242 XXX 0	Supply with separating point	VCS II, VCS	53, 63
449 244 XXX 0	Y-supply to drawbar trailers	VCS II	57
449 272 XXX 0	Supply to drawbar trailers	Different systems	38, 50, 75
449 273 XXX 0	Supply to drawbar trailers	TEBS E, CAN router / repeater	17, 50
449 302 XXX 0	IVTM cable	Trailer Central Electronic, IVTM	79, 86
449 303 XXX 0	Supply	Electronic extension module	31
449 305 XXX 0	Supply with open end	Electronic extension module	31
449 311 XXX 0	Lighting carrier	Trailer Central Electronic	77
449 314 XXX 0	Y-supply	VCS	63
449 320 XXX 0	Supply with open end	VCS II	56
449 323 XXX 0	ECAS™ cable for VCS	VCS, ECAS™	64, 70
449 331 XXX 0	Supply with separating point	VCS	63
449 332 XXX 0	Supply with open end	VCS	62
449 333 XXX 0	Supply with separating point	Different systems	37, 50, 76
449 334 XXX 0	Electronic air suspension module, diagnosis, lifting axle valve	TEBS D, electronic air suspension module	43, 83
449 335 XXX 0	Supply with separating point	TEBS D, Trailer Central Electronic	37, 76
449 336 XXX 0	ECAS™ cable for VCS II	VCS II, ECAS™	59, 70

Cable List

Part Number	Designation / Use	System / Chapter	Page(s)
449 337 XXX 0	ECAS™ cable for VCS II with modulator	VCS II	60
449 339 XXX 0	ECAS™ cable for VCS II with modulator	VCS II	60
449 340 XXX 0	Electronic air suspension module, VCS II, diagnosis	VCS II, electronic air suspension module	60, 83
449 341 XXX 0	TASC™, 24N	TEBS D	39
449 343 XXX 0	TASC™, lifting axle, 24N	TEBS D	39
449 344 XXX 0	Electronic air suspension module, diagnosis	TEBS D, electronic air suspension module	43, 83
449 345 XXX 0	Supply with open end	VCS II	54
449 346 XXX 0	TASC™, lifting axle, 24N	TEBS D	39
449 347 XXX 0	Supply with separating point	TEBS E, CAN router / repeater	17, 49
449 348 XXX 0	EBS E, Trailer Central Electronic	TEBS E, Trailer Central Electronic	22, 78
449 349 XXX 0	Stop light supply	TEBS E	22
449 350 XXX 0	Stop light supply	TEBS E	22
449 353 XXX 0	Supply with separating point	TEBS E	17
449 354 XXX 0	Electronic air suspension module, VCS diagnosis	VCS, electronic air suspension module	66, 83
449 355 XXX 0	Connection to towing vehicle	Electronic air suspension module	84
449 356 XXX 0	GIO, IN/OUT	TEBS E	27
449 357 XXX 0	GIO, IN/OUT	TEBS E	27
449 358 XXX 0	GIO, IN/OUT	TEBS E	27
449 359 XXX 0	GIO, IN/OUT	TEBS E	27
449 362 XXX 0	Supply cable, data cable	EBS on towing vehicle	47
449 363 XXX 0	Data cable	EBS on towing vehicle	47
449 365 XXX 0	IN/OUT cable with open end	TEBS E	22
449 366 XXX 0	IN/OUT cable with bayonet fitting	TEBS E	23
449 371 XXX 0	Supply with open end	TEBS E	17
449 372 XXX 0	EBS relay valve	TEBS D	39
449 373 XXX 0	Supply with open end	TEBS D, Trailer Central Electronic	38, 75
449 374 XXX 0	Supply with separating point	VCS II	55
449 375 XXX 0	Supply with separating point	VCS II	54
449 376 XXX 0	Bayonet connection with open end	OptiTire™ / IVTM	85
449 377 XXX 0	IVTM cable for TEBS D	TEBS D, OptiTire™ / IVTM	44, 86
449 378 XXX 0	IVTM cable for TEBS D	TEBS D	45
449 382 XXX 0	ECAS™ cable for TEBS D	TEBS D, ECAS™	41, 70
449 383 XXX 0	TASC™, lifting axle, 24N	TEBS D	40
449 384 XXX 0	Y-supply with separating point	VCS II	57
449 385 XXX 0	Supply with separating point	VCS II	56
449 386 XXX 0	Y-supply with separating point	VCS II	57
449 391 XXX 0	Lighting carrier	Trailer Central Electronic	78
449 392 XXX 0	Lighting carrier	Trailer Central Electronic	78
449 393 XXX 0	Additional lighting	Trailer Central Electronic	79
449 394 XXX 0	Connection for TEBS D and RGE	Trailer Central Electronic	78
449 399 XXX 0	Connection for TEBS D	Trailer Central Electronic	78
449 402 XXX 0	ISS cable with open end	VCS	64
449 411 XXX 0	Solenoid valve cable for 3rd modulator	VCS	64
449 413 XXX 0	Solenoid valve cable with open end	Vario C, solenoid valve cable	68, 93
449 415 XXX 0	Bayonet connection with open end	Solenoid valve cable	93
449 420 XXX 0	Bayonet connection with open end	Solenoid valve cable	94
449 422 XXX 0	Solenoid valve cable with open end	ECAS™	72
449 423 XXX 0	Solenoid valve cable with open end	Vario C, solenoid valve cable	68, 93
449 425 XXX 0	Connection for pressure sensor	CAN router / repeater	51
449 426 XXX 0	ABS relay valve	TEBS D	38
449 427 XXX 0	ABS relay valve	TEBS D	38
449 429 XXX 0	EBS relay valve	TEBS E	19
449 435 XXX 0	TASC™, lifting axle, 24N	TEBS D	40
449 436 XXX 0	ABS relay valve	TEBS E	18
449 437 XXX 0	Subsystem cable with open end	TEBS E	22
449 438 XXX 0	ECAS™ cable for TEBS E	TEBS E, ECAS™	24, 78
449 439 XXX 0	ECAS™ valve	TEBS E	23
449 443 XXX 0	TASC™, lifting axle, buzzer	Different systems	23, 33
449 444 XXX 0	Connection for modulators	VCS	65
449 445 XXX 0	ECAS™ valve, lifting axle, eTASC	TEBS E	23
449 447 XXX 0	2 x TASC™	TEBS E	23

Cable List

Part Number	Designation / Use	System / Chapter	Page(s)
449 454 XXX 0	3rd modulator, retarder, ISS	VCS	65
449 472 XXX 0	Trailer brake valve	TEBS D	40
449 473 XXX 0	Trailer brake valve	TEBS D	41
449 476 XXX 0	Telematics unit	TEBS D	41
449 483 XXX 0	ECAS™ valve	Trailer Central Electronic	81
449 484 XXX 0	2 x ECAS™ valves	Trailer Central Electronic	81
449 485 XXX 0	ECAS™ valve, lifting axle	Trailer Central Electronic	82
449 494 XXX 0	ECAS™ valve, lifting axle	Trailer Central Electronic	82
449 511 XXX 0	Kostal connection with open end	Solenoid valve cable	96
449 513 XXX 0	Bayonet connection with open end	Solenoid valve cable	94
449 514 XXX 0	Bayonet connection with open end	Solenoid valve cable	94
449 515 XXX 0	Bayonet connection with open end	Solenoid valve cable	93
449 517 XXX 0	Battery box	ECAS™	73
449 521 XXX 0	Kostal connection with open end	Solenoid valve cable	96
449 523 XXX 0	Kostal connection with open end	Solenoid valve cable	97
449 524 XXX 0	Kostal connection with open end	Solenoid valve cable	97
449 534 XXX 0	Connection for modulators	VCS II	61
449 535 XXX 0	GIO cable with open end	Different systems	25, 33
449 544 XXX 0	Connection for modulators	VCS II	61
449 554 XXX 0	EBS D, electronic air suspension module, diagnosis	TEBS D, electronic air suspension module	43, 83
449 566 XXX 0	Connection for modulators, GIO	VCS II	61
449 601 XXX 0	Diagnosis	OptiTire™ / IVTM	87
449 602 XXX 0	Remote control unit	Electronic extension module	31
449 603 XXX 0	Control box	Electronic extension module	31
449 604 XXX 0	Additional lighting	Trailer Central Electronic	80
449 605 XXX 0	Diagnosis	Electronic extension module	32
449 610 XXX 0	GIO cable with open end	TEBS E	29
449 611 XXX 0	Diagnosis	TEBS E	28
449 612 XXX 0	Diagnosis	VCS	65
449 614 XXX 0	Diagnosis, ISS, ILS	TEBS D	42
449 615 XXX 0	Diagnosis	VCS II	58
449 616 XXX 0	Diagnosis, modulator	VCS II	58
449 617 XXX 0	Diagnosis, GIO	VCS II	58
449 618 XXX 0	Diagnosis, modulator, GIO	VCS II	59
449 619 XXX 0	Diagnosis, GIO	VCS II	59
449 621 XXX 0	Diagnosis	ECAS™	73
449 623 XXX 0	Diagnosis, TASC™	VCS II	59
449 624 XXX 0	Diagnosis, lifting axle	TEBS D	42
449 626 XXX 0	Traction help, unloading level, height sensor	TEBS E	26
449 627 XXX 0	Control box	TEBS E	19
449 628 XXX 0	Remote control unit	TEBS E	19
449 629 XXX 0	Y distributor	Different systems	25, 34
449 632 XXX 0	Remote control unit	ECAS™	71
449 633 XXX 0	Remote control unit	Electronic air suspension module	84
449 634 XXX 0	2 x remote control unit	Trailer Central Electronic	80
449 635 XXX 0	Remote control unit	Trailer Central Electronic	80
449 637 XXX 0	Control box	ECAS™	71
449 638 XXX 0	Control box	Electronic air suspension module	84
449 644 XXX 0	Warning lamp, diagnosis	Trailer Central Electronic	77
449 654 XXX 0	Control box, control unit	Trailer Central Electronic	80
449 655 XXX 0	Control box	Trailer Central Electronic	80
449 663 XXX 0	Diagnosis, lifting axle, TASC™	TEBS D	42
449 664 XXX 0	Diagnosis, lifting axle	TEBS D	42
449 665 XXX 0	Diagnosis, lifting axle, 24N	TEBS D	42
449 672 XXX 0	Diagnosis	Different systems	44, 77
449 674 XXX 0	Bayonet connection with open end	OptiTire™ / IVTM	86
449 684 XXX 0	Diagnosis, 24N	TEBS D	43
449 704 XXX 0	Ultrasonic sensors	Trailer Central Electronic	79
449 711 XXX 0	2-pin plug with open end	Sensor cable	100
449 712 XXX 0	2-pin extension cable	TEBS D, sensor cable	45, 102

Cable List

Part Number	Designation / Use	System / Chapter	Page(s)
449 713 XXX 0	2-pin extension cable	Sensor cable	102
449 714 XXX 0	2-pin socket with open end	TEBS E, sensor cable	25, 102
449 715 XXX 0	2-pin plug with open end	Vario C, sensor cable	69, 101
449 716 XXX 0	3-pin plug with open end	Sensor cable	103
449 718 XXX 0	3-pin plug with open end	TrailerGUARD™, sensor cable	90, 104
449 720 XXX 0	3-pin extension cable	Brake lining wear	91
449 721 XXX 0	2-pin plug with open end	Sensor cable	100
449 722 XXX 0	Brake signal transmitter	EBS on towing vehicle	47
449 723 XXX 0	ABS sensor	TEBS E	28
449 725 XXX 0	Connector, BVA socket	Sensor cable	105
449 726 XXX 0	Socket, BVA socket	Sensor cable	105
449 728 XXX 0	3-pin plug with open end	Sensor cable	104
449 729 XXX 0	3-pin socket with open end	Sensor cable	104
449 732 XXX 0	Pressure sensor	ECAS™	71
449 736 XXX 0	Connector, BVA socket	Sensor cable	105
449 739 XXX 0	Socket, BVA socket	Sensor cable	105
449 742 XXX 0	Height sensor	ECAS™	72
449 745 XXX 0	LIN sensors	TrailerGUARD™	89
449 746 XXX 0	3-pin extension cable	TrailerGUARD™	90
449 747 XXX 0	LIN extension	Different systems	32, 89
449 748 XXX 0	Battery	TrailerGUARD™	90
449 751 XXX 0	2-pin plug with open end	Sensor cable	101
449 752 XXX 0	Pressure sensor, height sensor, lifting axle	Different systems	25, 34, 45
449 753 XXX 0	BVA socket with open end	Sensor cable	105
449 754 XXX 0	Socket, BVA socket	Sensor cable	106
449 755 XXX 0	2-pin extension cable	Sensor cable	103
449 756 XXX 0	Socket, BVA socket	Sensor cable	106
449 757 XXX 0	2-pin extension cable	Sensor cable	103
449 761 XXX 0	ECAS™ valve, lifting axle	TEBS E	26
449 762 XXX 0	3-pin socket with open end	Different systems	26, 44, 46
449 763 XXX 0	3-pin socket with open end	TEBS E	26
449 764 XXX 0	Solenoid valve, traction help	TEBS D	44
449 803 XXX 0	Y distributor	Electronic extension module	33
449 804 XXX 0	2 x height sensor, battery box	Trailer Central Electronic	81
449 806 XXX 0	LIN ultrasonic sensor	Electronic extension module	32
449 807 XXX 0	Battery box	Electronic extension module	32
449 808 XXX 0	Battery	Electronic extension module	33
449 811 XXX 0	Height sensor	TEBS E	24
449 812 XXX 0	Pressure sensor	TEBS E	24
449 813 XXX 0	Traction help	TEBS E	24
449 814 XXX 0	Height sensor, battery box	Trailer Central Electronic	81
449 815 XXX 0	Traction help, forced lowering	TEBS E	24
449 816 XXX 0	Distributor, brake lining wear	TEBS E, brake lining wear	26, 91
449 818 XXX 0	ABS sensor, GIO 6 / 7	TEBS E	28
449 819 XXX 0	GIO adapter with sensor plug	TEBS E	25
449 823 XXX 0	Pressure sensor	Trailer Central Electronic	82
449 833 XXX 0	Distributor, brake lining wear	Brake lining wear	91
449 834 XXX 0	Distributor, brake lining wear	TEBS D, brake lining wear	44, 91
449 894 XXX 0	Distributor, brake lining wear	Different systems	75, 91
449 900 XXX 0	Warning lamp	TEBS E	26
449 902 XXX 0	IN/OUT with open end	Trailer Central Electronic	77
449 903 XXX 0	Control box	Trailer Central Electronic	78
449 904 XXX 0	Side marker lighting	Trailer Central Electronic	79
449 906 XXX 0	SmartBoard	Electronic extension module	31
449 907 XXX 0	Telematics unit	Different systems	32, 88
449 908 XXX 0	Subsystem with open end	Electronic extension module	33
449 910 XXX 0	Telematics unit	TEBS D, TrailerGUARD™	41, 88
449 911 XXX 0	SmartBoard	TEBS E	19
449 912 XXX 0	SmartBoard, remote control unit	TEBS E	19
449 913 XXX 0	OptiTire™ / IVTM	TEBS E	20, 85
449 914 XXX 0	Telematics unit	TEBS E	20

Cable List

Part Number	Designation / Use	System / Chapter	Page(s)
449 915 XXX 0	Telematics unit	TEBS E	28
449 916 XXX 0	SmartBoard, OptiTire™ / IVTM	TEBS E, OptiTire™ / IVTM	20, 85
449 917 XXX 0	Telematics unit	TEBS E, TrailerGUARD™	20, 88
449 918 XXX 0	Telematics unit	TEBS E, TrailerGUARD™	29, 88
449 919 XXX 0	Telematics with open end	TrailerGUARD™	88
449 920 XXX 0	Telematics, SmartBoard	TEBS E, TrailerGUARD™	20, 88
449 922 XXX 0	Connection, Haldex®	TrailerGUARD™	89
449 923 XXX 0	Connection, Knorr-Bremse®	TrailerGUARD™	89
449 925 XXX 0	SmartBoard, OptiTire™ / IVTM	Different systems	32, 86
449 926 XXX 0	SmartBoard, remote control unit	Electronic extension module	31
449 927 XXX 0	OptiTire™, OptiLink™	TEBS E, TrailerGUARD™	29, 86
449 930 XXX 0	Telematics, SmartBoard	TEBS E	21
449 931 XXX 0	Telematics unit	TEBS E	20
449 932 XXX 0	Telematics unit	TEBS E	29
449 934 XXX 0	OptiTire™, OptiLink™, SmartBoard	TEBS E, OptiTire™ / IVTM	21, 85
449 944 XXX 0	OptiTire™, OptiLink™, control box	TEBS E, OptiTire™ / IVTM	21, 85
472 880 XXX 2	ECAS™ valve adapter	Adapter cable	99
480 102 XXX 2	Locking set	Different systems	35
884 026 261 4	Ejector for ISO 7638	Various	111
884 026 262 4	Mounting sleeve	Various	111
884 026 263 4	Dismounting sleeve	Various	111
894 020 314 2	Protective cap for diagnosis socket	ECAS™	74
894 070 XXX 4	Contact pins	Various	109
894 100 030 2	Plug solenoid valve	Solenoid valve cable	99
894 100 353 2	Connection solenoid valve / air dryer	Solenoid valve cable	96
894 101 130 2	Connection solenoid valve / air dryer	Solenoid valve cable	96
894 101 548 2	Protective cap for plug enclosure	VCS	66
894 101 640 2	Protective cap for plug enclosure	VCS	66
894 110 088 2	AMP plug enclosure	Various	112
894 110 091 4	AMP plug enclosure	Various	112
894 110 110 2	AMP plug enclosure	Various	112
894 110 139 2	Protective cap for plug enclosure	TEBS D	46, 82
894 130 XXX 2	Cable fitting	Vario C	69
894 590 019 2*	2-pin socket with open end	Sensor cable	104
894 590 028 2*	Bayonet connection with open end	Solenoid valve cable	95
894 590 057 2*	2-pin plug with open end	Sensor cable	101
894 590 075 0	2-pin Y-distributor	Sensor cable	103
894 590 078 0	Adapter cable	Sensor cable	103
894 590 082 0	3-pin Y-distributor	Brake lining wear	92
894 590 101 2*	Kostal connection with open end	Solenoid valve cable	96
894 590 126 2*	Bayonet connection with open end	Solenoid valve cable	95
894 590 136 2*	Kostal connection with open end	Solenoid valve cable	96
894 590 151 2	Bayonet connection with open end	Solenoid valve cable	95
894 590 152 2	Bayonet connection with open end	Solenoid valve cable	94
894 590 163 2	2-pin socket with open end	Sensor cable	104
894 600 001 2	Adapter cable	OptiTire™ / IVTM	86
894 600 024 0	LIN distributor	Different systems	32, 89
894 600 025 0	Temperature logger, battery, diagnosis	TrailerGUARD™	89
894 600 032 0*	Power extension	CAN router / repeater	51
894 600 036 0	Temperature logger, battery	TrailerGUARD™	90
894 600 450 2*	Kostal connection with open end	Solenoid valve cable	95
894 600 454 2	Connection with open end	Solenoid valve cable	95
894 601 015 2*	Kostal connection with open end	Solenoid valve cable	97
894 601 021 2*	Kostal connection with open end	Solenoid valve cable	99
894 601 036 2*	Kostal extension	Solenoid valve cable	99
894 601 038 2	Solenoid valve cable	ECAS™	72
894 601 077 2	Kostal connection with open end	Solenoid valve cable	97
894 601 132 2	Adapter bayonet – Kostal	Solenoid valve cable	98
894 601 133 2	Adapter Kostal – bayonet	Solenoid valve cable	98
894 601 134 2	Adapter bayonet – Kostal	Solenoid valve cable	98
894 601 135 2	Adapter Kostal – bayonet	Solenoid valve cable	98

Cable List

Part Number	Designation / Use	System / Chapter	Page(s)
894 601 136 2	Adapter bayonet – Kostal	Solenoid valve cable	98
894 601 138 2	Y-distributor bayonet	Solenoid valve cable	40, 98
894 601 142 2*	Connection ECAS™ – Vario C	ECAS™	71
894 601 161 2	Bayonet extension	Solenoid valve cable	98
894 601 180 2*	Kostal connection with open end	Solenoid valve cable	97
894 604 164 2	Wiring harness	ECAS™	74
894 604 194 0*	Modulator	VCS	65
894 604 215 2*	Solenoid valve	ECAS™	72
894 604 419 2	Pressure sensor	ECAS™	72
894 604 444 2	Supply with separating point	Vario C	68
894 604 630 2	Wiring harness	ECAS™	74
894 607 295 0	Bus cable set	OptiTire™ / IVTM	87
894 607 390 0	Towing vehicle cable set	OptiTire™ / IVTM	87
894 607 411 0	Adapter VCS – VCS II	VCS II	61
895 310 005 2	Enclosure cover	Electronic extension module	34
898 020 319 2	Protective cap for remote control unit	ECAS™	73
898 020 456 4	Protection cap for bayonet	Various	113
898 020 462 2	Protective cap for GIO	Different systems	34
898 020 463 2	Protective cap for subsystem	Different systems	34

**Available in several versions or lengths.*

5 System overview

A – TEBS E – p. 16
B – Electronic extension module – p. 30
C – TEBS D – p. 36
D – EBS towing vehicle – p. 47
E – CAN router / CAN repeater – p. 48
F – VCS II – p. 52
G – VCS – p. 62
H – Vario C – p. 67
I – ECAS™ – p. 70
J – Trailer Central Electronic – p. 75
K – Electronic air suspension module – p. 83
L – OptiTire™ / IVTM – p. 85
M – TrailerGUARD™ – p. 88
N – Brake lining wear – p. 91
O – Solenoid valve cable – p. 93
P – Sensor cable – p. 100
Q – Miscellaneous – p. 107

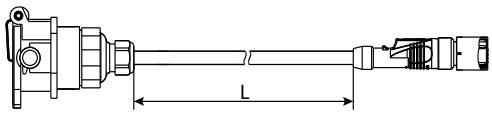
6 TEBS E

A

Product Number	System	GIO	PEM	Screw Connection			
				Supply	PREV	Brake Cylinder	Air Suspension
480 102 030 0 480 102 030 7	Standard, 2S/2M	1...4	X	X	X	X	X
480 102 031 0	Standard, 2S/2M	1...4	✓	16 x 2	8 x 1	12 x 1.5	8 x 1
480 102 032 0	Standard, 2S/2M	1...4	X	15 x 1.5	8 x 1	8 x 1	8 x 1
480 102 033 0	Standard, 2S/2M	1...4	✓	15 x 1.5	8 x 1	12 x 1.5	12 x 1.5 8 x 1
480 102 034 0	Standard, 2S/2M	1...4	✓	X	X	X	X
480 102 035 0	Standard, 2S/2M	1...4	✓	15 x 1.5	10 x 1	8 x 1	8 x 1
480 102 036 0	Standard, 2S/2M	1...4	✓	15 x 1.5	8 x 1	12 x 1.5	8 x 1
480 102 060 0 480 102 060 7	Premium, max. 4S/3M	1...7	X	X	X	X	X
480 102 061 0	Premium, max. 4S/3M	1...7	✓	16 x 2	8 x 1	12 x 1.5	8 x 1
480 102 062 0	Premium, max. 4S/3M	1...7	X	15 x 1.5	8 x 1	8 x 1	8 x 1
480 102 063 0	Premium, max. 4S/3M	1...7	✓	15 x 1.5	8 x 1	12 x 1.5	12 x 1.5 8 x 1
480 102 064 0	Premium, max. 4S/3M	1...7	✓	X	X	X	X
480 102 065 0	Premium, max. 4S/3M	1...7	✓	15 x 1.5	10 x 1	8 x 1	8 x 1
480 102 066 0	Premium, max. 4S/3M	1...7	✓	15 x 1.5	8 x 1	12 x 1.5	8 x 1
480 102 080 0	Multi-voltage, max. 4S/3M	1...7	X	X	X	X	X
480 102 084 0	Multi-voltage, max. 4S/3M	1...7	✓	X	X	X	X

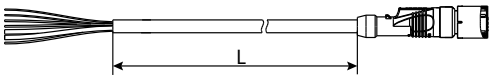
Supply cable

for semitrailers



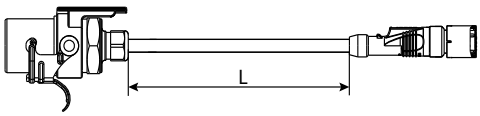
Part Number	L [m]	Cable ends type	
449 173 090 0	*9*	*Socket ISO 7638 7-pin*	*Code A 8-pin*
449 173 100 0	*10*		
449 173 120 0	*12*		
449 173 130 0	*13*		
449 173 140 0	*14*		
449 173 150 0	*15*		
449 173 160 0	*16*		

with open end



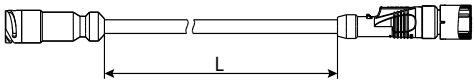
Part Number	L [m]	Cable ends type	
449 371 120 0	*12*	*open 7-strand 2 x 4.0 mm² 3 x 1.5 mm² 2 x 1.0 mm²*	*Code A 8-pin*
449 371 180 0	*18*		

for drawbar trailers



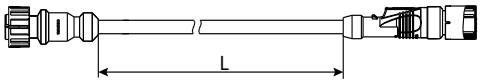
Part Number	L [m]	Cable ends type	
449 273 060 0	*6*	*Connector ISO 7638 7-pin*	*Code A 8-pin*
449 273 100 0	*10*		
449 273 120 0	*12*		
449 273 150 0	*15*		

with separating point



Part Number	L [m]	Cable ends type	
449 353 005 0	*0.5*	*Coupling connector 7-pin*	*Code A 8-pin*
449 353 110 0	*11*		
449 353 140 0	*14*		
*449 353 180 0**	*18*		

with separating point



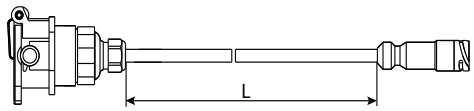
Part Number	L [m]	Cable ends type	
449 347 003 0	*0.3*	*Coupling socket 7-pin*	*Code A 8-pin*
449 347 025 0	*2.5*		
449 347 080 0	*8*		
449 347 120 0	*12*		
449 347 180 0	*18*		

**Article not available*

Supply cable

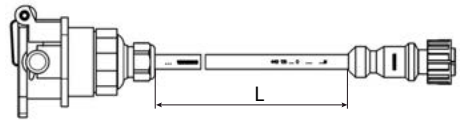
A

for semitrailers with separating point



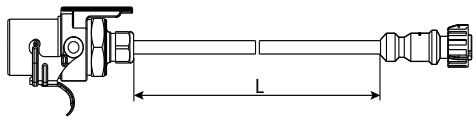
Part Number	L [m]	Cable ends type	
449 133 003 0	*0.3*	*Socket ISO 7638 7-pin*	*Coupling connector 7-pin*
449 133 030 0	*3*		
449 133 060 0	*6*		
449 133 120 0	*12*		
449 133 150 0	*15*		

for semitrailers with separating point



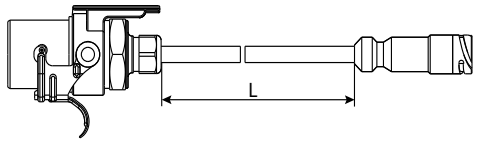
Part Number	L [m]	Cable ends type	
449 135 005 0	*0.5*	*Socket ISO 7638 7-pin*	*Coupling socket 7-pin*
449 135 025 0	*2.5*		
449 135 060 0	*6*		
449 135 140 0	*14*		

for drawbar trailers with separating point



Part Number	L [m]	Cable ends type	
449 231 060 0	*6*	*Connector ISO 7638 7-pin*	*Coupling socket 7-pin*
449 231 120 0	*12*		

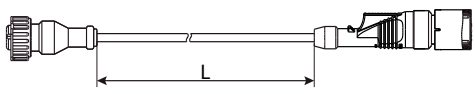
for drawbar trailers with separating point



Part Number	L [m]	Cable ends type	
449 233 030 0	*3*	*Connector ISO 7638 7-pin*	*Coupling connector 7-pin*
449 233 100 0	*10*		
449 233 140 0	*14*		
449 233 180 0	*18*		

Modulator

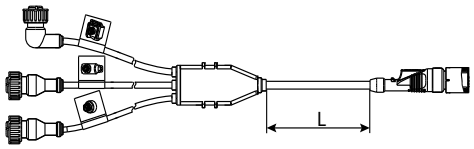
for ABS relay valve



Part Number	L [m]	Cable ends type	
449 436 030 0	*3*	*Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*Code B 8-pin*
449 436 080 0	*8*		

**Article not available*

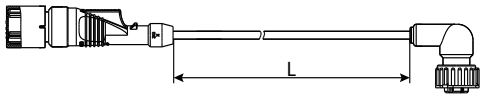
for EBS relay valve



Part Number	L [m]	Cable ends type	
449 429 010 0	*1*	*2x bajonet socket ISO 15170-B1-3.1-Sn/K1 1x bajonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*Code B 8-pin*
449 429 030 0	*3*		
449 429 080 0	*8*		
449 429 130 0	*13*		

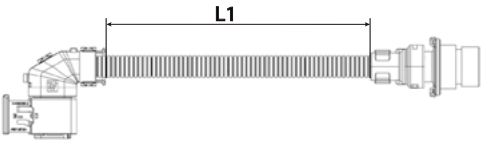
Subsystems

for SmartBoard



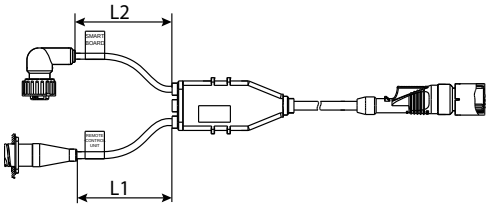
Part Number	L [m]	Cable ends type	
449 911 040 0	*4*	*Code C 8-pin*	*Bayonet socket 7-pin*
449 911 060 0	*6*		
449 911 120 0	*12*		

Adapter cable for SmartBoard



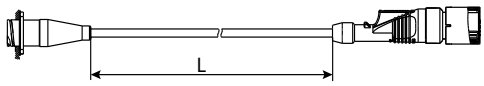
Part Number	L [m]	Cable ends type	
*894 600 074 2**	*0.15*	*Socket HDSCS 8-pin*	*Bayonet plug 7-pin*

for SmartBoard and remote control unit



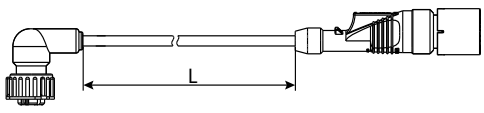
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 912 234 0	*7*	*5*	*Bayonet socket 7-pin + remote control unit socket*	*Code C 8-pin*

for remote control unit



Part Number	L [m]	Cable ends type	
449 628 050 0	*5*	*Socket Remote control unit*	*Code C 8-pin*

for control box

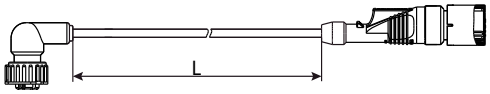


Part Number	L [m]	Cable ends type	
449 627 040 0	*4*	*Bayonet socket 7-pin*	*Code C 8-pin*
449 627 060 0	*6*		

**Article not available*

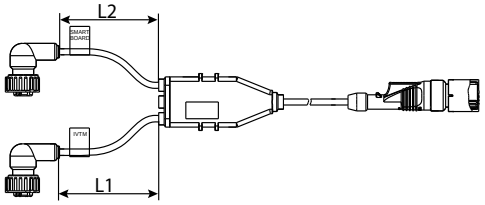
A

for OptiTire™ / IVTM



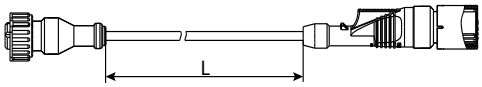
Part Number	L [m]	Cable ends type	
449 913 050 0	*5*	*Bayonet socket 7-pin*	*Code C 8-pin*

for SmartBoard and OptiTire™ / IVTM



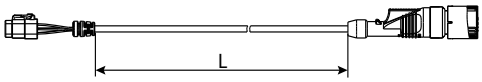
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 916 182 0	*0.4*	*4*	*2x bayonet socket 7-pin*	*Code C 8-pin*
449 916 243 0	*1*	*6*		
449 916 253 0	*6*	*6*		

for Telematics



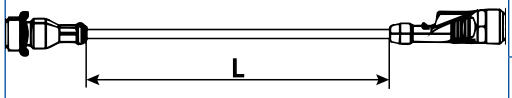
Part Number	L [m]	Cable ends type	
449 914 010 0	*1*	*Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin*	*Code C 8-pin*
449 914 120 0	*12*		
449 914 170 0	*17*		

for Telematics



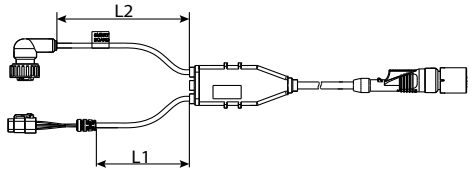
Part Number	L [m]	Cable ends type	
449 917 010 0	*1*	*Socket DEUTSCH® 6-pin*	*Code C 8-pin*
449 917 025 0	*2.5*		
449 917 050 0	*5*		

for Telematics



Part Number	L [m]	Cable ends type	
*449 931 030 0**	*3*	*Bayonet plug 7-pin*	*Code C 8-pin*
449 931 035 0	*3.5*		

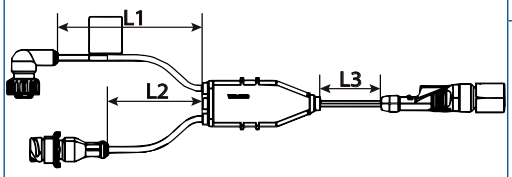
for Telematics and SmartBoard



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 920 248 0	*3*	*6*	*Bayonet socket 7-pin + socket DEUTSCH® 6-pin*	*Code C 8-pin*

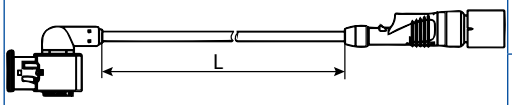
**Article not available*

for Telematics and SmartBoard



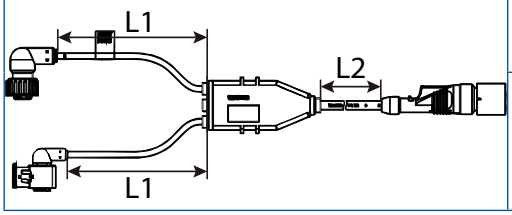
Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
449 930 248 0	*3*	*6*	*1*	*Bayonet socket 7-pin + bayonet plug 7-pin*	*Code C 8-pin*

for TX-TRAILERGUARD™



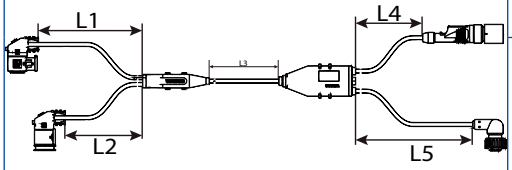
Part Number	L [m]	Cable ends type	
449 029 000 0	*5*	*Socket HDSCS 6-pin*	*Code C 8-pin*

for SmartBoard and TX-TRAILERGUARD™



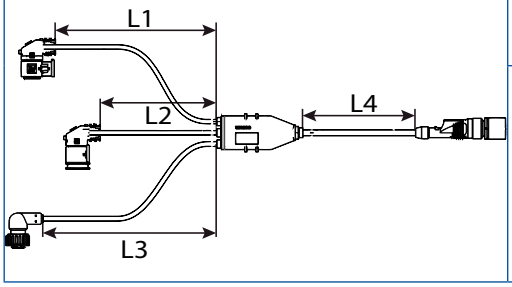
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 033 000 0	*3*	*6*	*Bayonet socket 7-pin + socket HDSCS 6-pin*	*Code C 8-pin*

for SmartBoard and OptiLink™ and / or OptiTire™



Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	L5 [m]	Cable ends type	
449 934 330 0	*12*	*1*	*4*	*0.5*	*6*	*2x socket HDSCS 8-pin*	*Code C 8-pin + bayonet socket 7-pin*

for Control box and OptiLink™ and / or OptiTire™

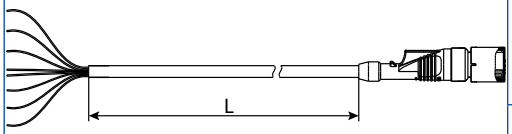


Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	Cable ends type	
449 944 217 0	*12*	*4.5*	*6*	*0.5*	*2x socket HDSCS 8-pin + bayonet socket 7-pin*	*Code C 8-pin*

**Article not available*

A

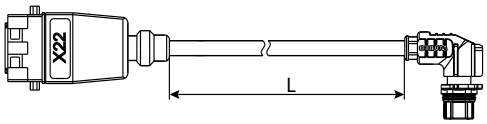
Universal cable



Part Number	L [m]	Cable ends type	
449 437 020 0	*2*	*open 8-strand 5 x 1.0 mm² 3 x 0.5 mm²*	*Code C 8-pin*
449 437 060 0	*6*		

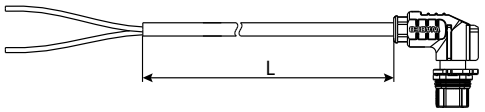
IN / OUT

for Trailer Central Electronic 446 122 001 0 (only for TEBS E0 to TEBS E3)



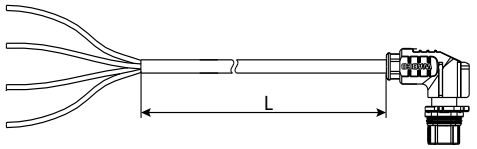
Part Number	L [m]	Cable ends type	
449 348 020 0	*2*	*Trailer Central Electronic slot X22 8-pin*	*Code C 4-pin*

for stop light supply (24 N)



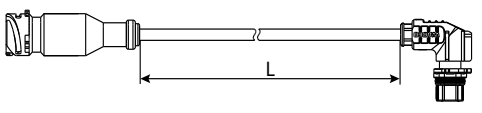
Part Number	L [m]	Cable ends type	
449 349 040 0	*4*	*open 2-strand 2 x 1.5 mm²*	*Code C 4-pin*
449 349 060 0	*6*		
449 349 100 0	*10*		
449 349 150 0	*15*		

for stop light supply (24 N), traction help and forced lowering



Part Number	L [m]	Cable ends type	
449 365 060 0	*6*	*open 4-strand 4 x 1.5 mm²*	*Code C 4-pin*
449 365 120 0	*12*		

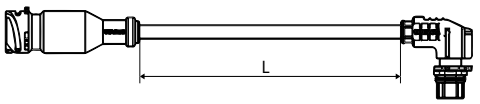
for stop light supply (24 N)



Part Number	L [m]	Cable ends type	
449 350 010 0	*1*	*Bayonet plug ISO 15170-B1-2.1-Sn/K1 4-pin*	*Code C 4-pin*
449 350 028 0	*2.8*		
449 350 055 0	*5.5*		
449 350 090 0	*9*		

**Article not available*

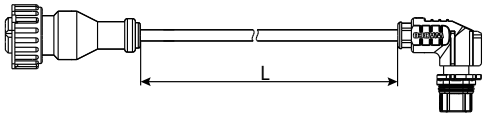
for stop light supply (24 N), traction help and forced lowering



Part Number	L [m]	Cable ends type	
449 366 010 0	*1*	*Bayonet plug ISO 15170-B1-4.1-Sn/K1 4-pin*	*Code C 4-pin*
449 366 055 0	*5.5*		

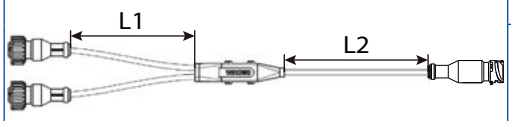
GIO

for lifting axle valve 463 084 XXX 0, for TASC™ (RtR) 463 090 XXX 0



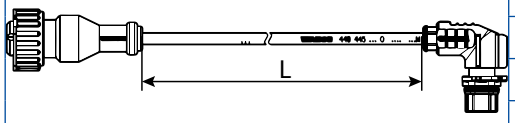
Part Number	L [m]	Cable ends type	
449 443 008 0	*0.8*	*Bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*Code B 4-pin*
449 443 010 0	*1*		
449 443 020 0	*2*		
449 443 040 0	*4*		
449 443 060 0	*6*		
449 443 100 0	*10*		

for TASC™ (RtR) 463 090 XXX 0



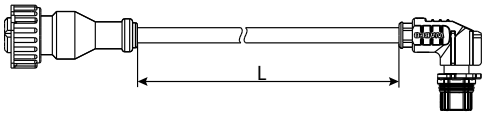
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 447 022 0	*0.4*	*1*	*2x bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*Bayonet plug ISO 15170-B1-2.1-Sn/K1 4-pin*

for ECAS™ valves 472 905 114 0, 472 880 030 0, lifting axle valve 463 084 100 0, eTASC 463 090 5XX 0



Part Number	L [m]	Cable ends type	
449 445 010 0	*1*	*Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*Code B 4-pin*
449 445 030 0	*3*		
449 445 050 0	*5*		
449 445 060 0	*6*		

for ECAS™ valve 472 905 111 0 (2-point control)

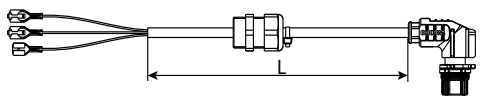


Part Number	L [m]	Cable ends type	
449 439 030 0	*3*	*Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin*	*Code B 4-pin*

**Article not available*

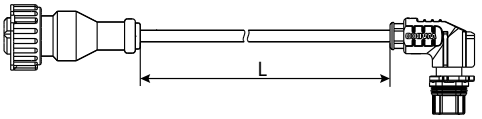
A

for external ECAS™ 446 055 066 0



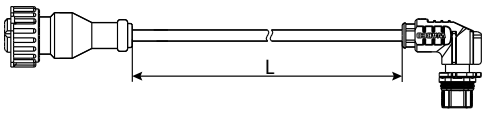
Part Number	L [m]	Cable ends type	
449 438 050 0	*5*	*open 3-strand with push-on contacts and PG screw connection 3 x 1.00 mm²*	*Code B 4-pin*
449 438 080 0	*8*		

for height sensor 441 050 100 0



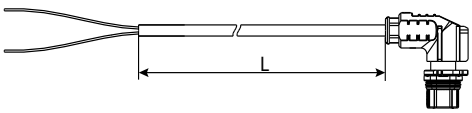
Part Number	L [m]	Cable ends type	
449 811 010 0	*1*	*Bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*Code B 4-pin*
449 811 030 0	*3*		
449 811 050 0	*5*		
449 811 080 0	*8*		
449 811 120 0	*12*		

for pressure sensor 441 040 XXX 0, 441 044 XXX 0



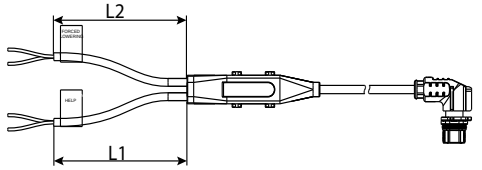
Part Number	L [m]	Cable ends type	
449 812 004 0	*0.4*	*Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*Code B 4-pin*
449 812 030 0	*3*		
449 812 040 0	*4*		
449 812 100 0	*10*		
449 812 120 0	*12*		
449 812 180 0	*18*		
449 812 260 0	*26*		
449 812 320 0	*32*		
449 812 440 0	*44*		

for traction help



Part Number	L [m]	Cable ends type	
449 813 050 0	*5*	*open 2-strand 2 x 0.75 mm²*	*Code B 4-pin*
449 813 080 0	*8*		
449 813 150 0	*15*		

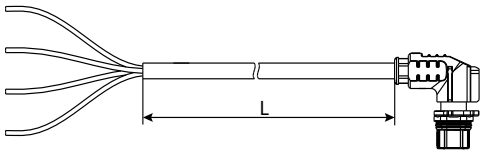
for traction help and forced lowering (or unloading level switch)



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 815 253 0	*6*	*6*	*2x open 2-strand 4 x 1.0 mm²*	*Code B 4-pin*
449 815 258 0	*15*	*6*		

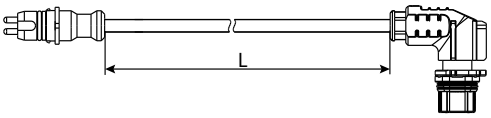
**Article not available*

Universal cable



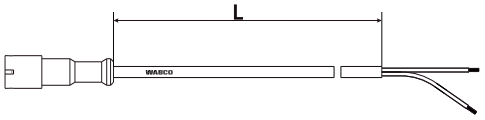
Part Number	L [m]	Cable ends type	
449 535 010 0	*1*	*open 4-strand 4 x 1.5 mm²*	*Code B 4-pin*
449 535 060 0	*6*		
449 535 100 0	*10*		
449 535 150 0	*15*		

Adapter cable



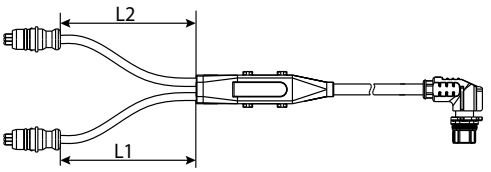
Part Number	L [m]	Cable ends type	
449 819 010 0	*1*	*Sensor plug 2-pin*	*Code B 4-pin*

Sensor extension cable



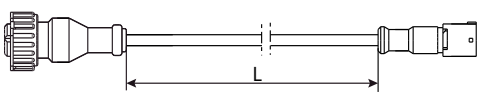
Part Number	L [m]	Cable ends type	
449 714 010 0	*1*	*Sensor socket 2-pin*	*open 2-strand 2 x 0.75 mm²*
449 714 028 0	*2.8*		
449 714 047 0	*4.7*		
449 714 061 0	*6.1*		
449 714 075 0	*7.5*		
449 714 087 0	*8.7*		
449 714 100 0	*10*		
449 714 130 0	*13*		

Y distributor



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 629 022 0	*0.4*	*0.4*	*2x sensor plug 3-pin*	*Code B 4-pin*

for pressure sensor, lifting axle or height sensor with Y-distributor

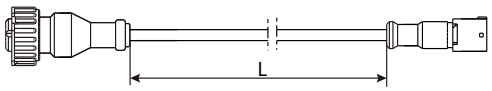


Part Number	L [m]	Cable ends type	
449 752 010 0	*1*	*Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*Sensor socket 3-pin*
449 752 020 0	*2*		
449 752 030 0	*3*		
449 752 080 0	*8*		
449 752 100 0	*10*		

**Article not available*

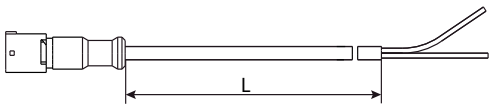
A

for ECAS™ valve or lifting axle valve with Y-distributor



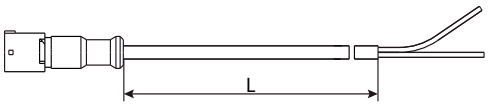
Part Number	L [m]	Cable ends type	
449 761 030 0	*3*	*Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*Sensor socket 3-pin*

for traction help or manoeuvring assistance with Y-distributor



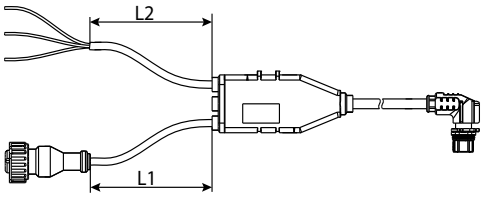
Part Number	L [m]	Cable ends type	
449 762 020 0	*2*	*Sensor socket 3-pin*	*open 2-strand 2 x 0.75 mm²*
449 762 080 0	*8*		
449 762 150 0	*15*		

for mechanical switch for road finisher brake (not for proximity switch) with Y distributor



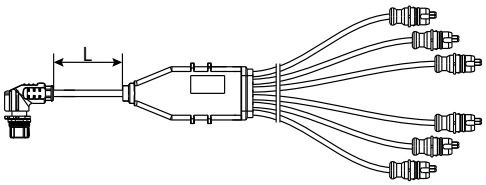
Part Number	L [m]	Cable ends type	
449 763 100 0	*10*	*Sensor socket 3-pin*	*open 2-strand 2 x 0.75 mm²*

for traction help, unloading level and height sensor



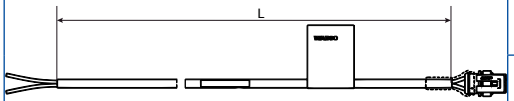
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 626 188 0	*3*	*4*	*open 3-strand 3 x 1.0 mm² + bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*Code B 4-pin*

for wear indicator



Part Number	L [m]	Cable ends type	
449 816 013 0	*1.3*	*Code B 4-pin*	*6x sensor plug 3-pin*
449 816 030 0	*3*		

for warning lamp 446 105 523 2

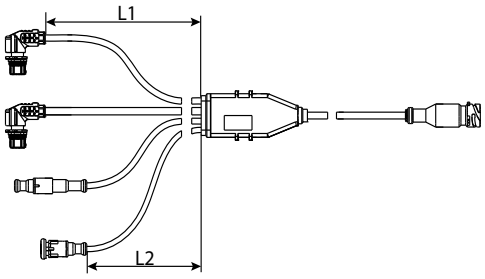


Part Number	L [m]	Cable ends type	
449 900 100 0	*10*	*open 2-strand 2 x 0.5 mm²*	*Tyco AMP® 2-pin*

**Article not available*

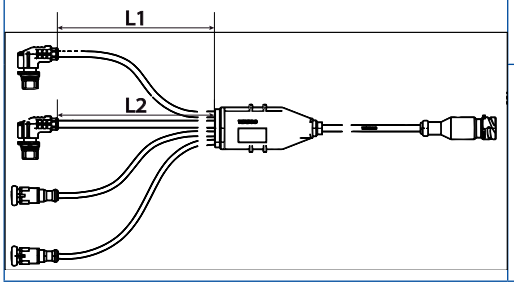
GIO and IN/OUT

for 24 N, traction help or forced lowering



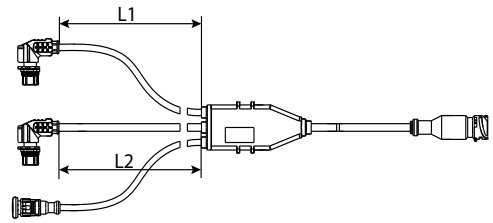
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 358 033 0	*6*	*0.4*	*Code C 4-pin + Code B 4-pin + sensor socket 2-pin + sensor plug 2-pin*	*Bayonet plug ISO 15170-B1-3.1-Sn/K1 4-pin*
*449 358 035 0**	*8*	*0.4*		
*449 358 253 0**	*8*	*5*		

for 24 N, traction help or forced lowering



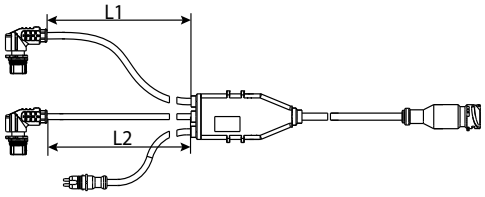
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 359 023 0	*1*	*0.4*	*Code C 4-pin + Code B 4-pin + 2x sensor plug 2-pin*	*Bayonet plug ISO 15170-B1-3.1-Sn/K1 4-pin*

for 24 N, traction help or forced lowering



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 356 023 0	*1*	*0.4*	*Code C 4-pin + Code B 4-pin + sensor plug 2-pin*	*Bayonet plug ISO 15170-B1-4.1-Sn/K1 4-pin*

for 24 N or traction help



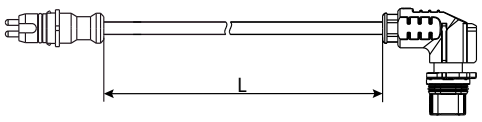
Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 357 023 0**	*1*	*0.4*	*Code C 4-pin + Code B 4-pin + sensor plug 2-pin*	*Bayonet plug ISO 15170-B1-4.1-Sn/K1 4-pin*
449 357 253 0	*6*	*6*		

**Article not available*

ABS-c, ABS-d, ABS-e, ABS-f

A

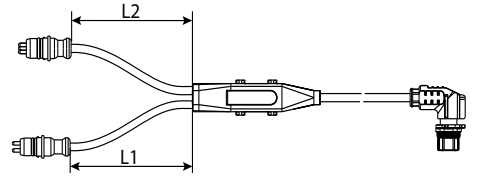
for ABS sensors



Part Number	L [m]	Cable ends type	
449 723 003 0	*0.3*	*Sensor plug 2-pin*	*Code A 4-pin*
449 723 018 0	*1.8*		
449 723 023 0	*2.3*		
449 723 030 0	*3*		
449 723 040 0	*4*		
449 723 050 0	*5*		
449 723 060 0	*6*		
449 723 080 0	*8*		
449 723 100 0	*10*		
449 723 150 0	*15*		

GIO and ABS

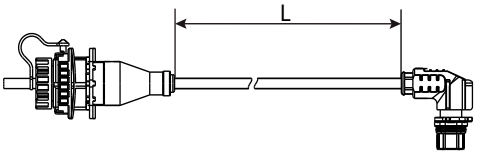
for ABS sensor and GIO 6/7



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 818 022 0	*0.4*	*0.4*	*Sensor plug 2-pin + sensor plug 3-pin*	*Code B 4-pin*

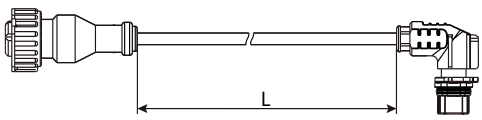
GIO 5 (for Premium only)

for diagnosis (note: only with diagnosis cable 446 300 348 0)



Part Number	L [m]	Cable ends type	
449 611 030 0	*3*	*Diagnosis socket with yellow cap 7-pin*	*Code B 4-pin*
449 611 040 0	*4*		
449 611 060 0	*6*		
449 611 080 0	*8*		

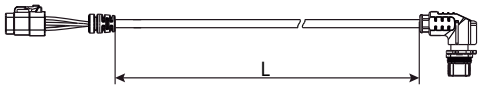
for Telematics



Part Number	L [m]	Cable ends type	
449 915 010 0	*1*	*Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin*	*Code B 4-pin*
449 915 120 0	*12*		
449 915 170 0	*17*		

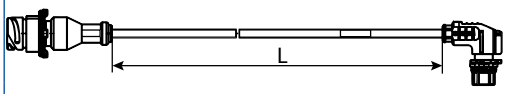
**Article not available*

for Telematics



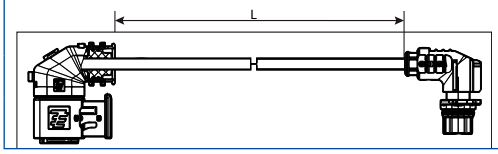
Part Number	L [m]	Cable ends type	
449 918 010 0	*1*	*Socket DEUTSCH® 6-pin*	*Code B 4-pin*
449 918 025 0	*2.5*		
449 918 050 0	*5*		

for Telematics



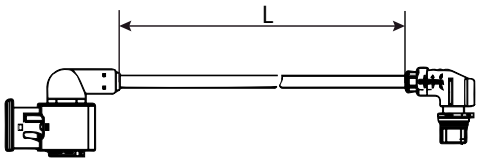
Part Number	L [m]	Cable ends type	
*449 932 030 0**	*3*	*Bayonet plug 7-pin*	*Code B 4-pin*
449 932 035 0	*3.5*		

for OptiTire™ and OptiLink™



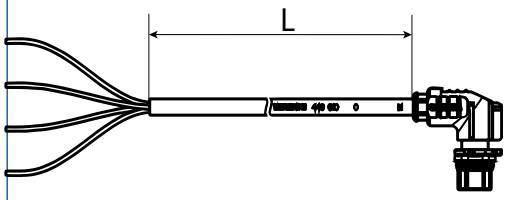
Part Number	L [m]	Cable ends type	
449 927 050 0	*5*	*Socket HDSCS 8-pin*	*Code B 4-pin*
449 927 120 0	*12*		

for TX-TRAILERGUARD™



Part Number	L [m]	Cable ends type	
449 030 000 0	*5*	*Socket HDSCS 6-pin*	*Code B 4-pin*

for Telematics



Part Number	L [m]	Cable ends type	
449 610 060 0	*6*	*open 4-strand 4 x 0.5 mm²*	*Code B 4-pin*
449 610 090 0	*9*		

**Article not available*

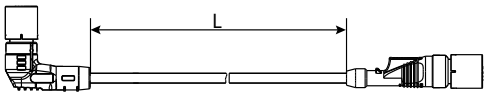
7 Electronic extension module

B

Function	*446 122 071 0*	*446 122 070 0*
Compatible with TEBS E Premium (from Version E2) and Standard (from Version E5)	✓	✓
TailGUARD™ function incl. buzzer and deactivation button	✓	✓
Supports applications with 2 to 6 sensors	✓	✓
Connection of side marking lights and reversing lamp (for activating TailGUARD™) ISO 12098	✓	✓
TailGUARD™ for Truck & Bus	X	✓
GIO extension	X	✓
Battery charge and battery operation with wake-up button	X	✓
Trailer Remote Control	X	✓
ECAS™ 2-point control	X	✓

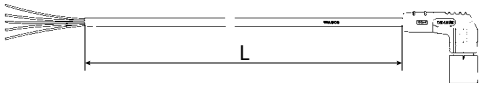
Supply cable

for supply



Part Number	L [m]	Cable ends type	
449 303 020 0	*2*	*Code E 8-pin*	*Code C 8-pin*
449 303 025 0	*2.5*		
449 303 050 0	*5*		
449 303 100 0	*10*		

for supply

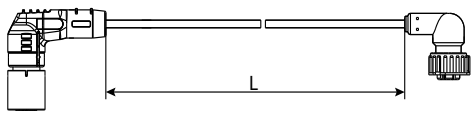


Part Number	L [m]	Cable ends type	
449 305 100 0	*10**	*open 5-strand 2 x 1.0 mm² 1 x 0.5 mm² 2 x 0.35 mm²*	*Code E 8-pin*

*other sizes on request

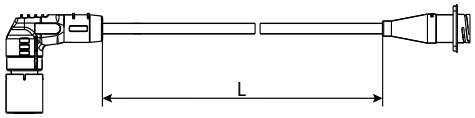
Subsystems

for SmartBoard



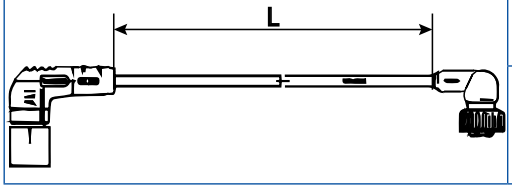
Part Number	L [m]	Cable ends type	
449 906 060 0	*6*	*Code C 8-pin*	*Bayonet socket 7-pin*

for remote control unit



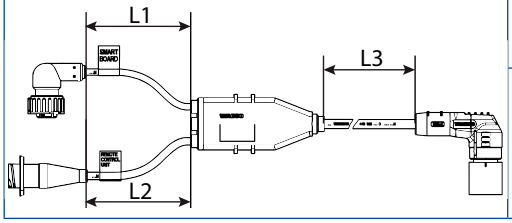
Part Number	L [m]	Cable ends type	
449 602 060 0	*6*	*Code C 8-pin*	*Socket Remote control unit*

for control box



Part Number	L [m]	Cable ends type	
449 603 060 0	*6*	*Code C 8-pin*	*Bayonet socket 7-pin*

for SmartBoard and remote control unit

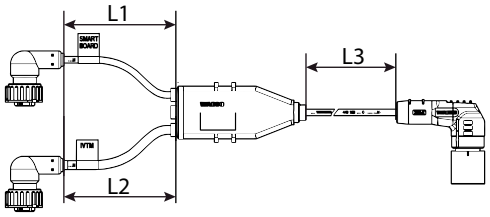


Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
449 926 234 0	*5*	*7*	*1*	*Bayonet socket 7-pin + remote control unit socket*	*Code C 8-pin*

*Article not available

B

for SmartBoard and OptiTire™ / IVTM

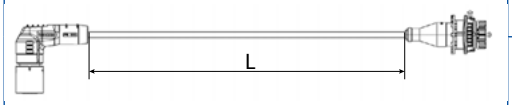


Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
449 925 253 0	*6*	*6*	*0.4*	*2x bayonet socket 7-pin*	*Code C 8-pin*

for Telematics

Part Number	L [m]	Cable ends type	
449 907 010 0	*1*	*Socket DEUTSCH® 6-pin*	*Code C 8-pin*

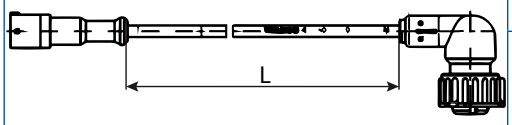
for diagnosis (TailGUARD™ Truck & Bus)



Part Number	L [m]	Cable ends type	
449 605 020 0	*2*	*Diagnosis socket with yellow cap 7-pin*	*Code C 8-pin*

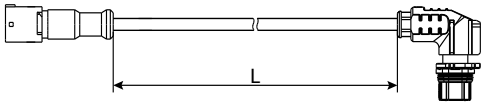
GIO

for battery box



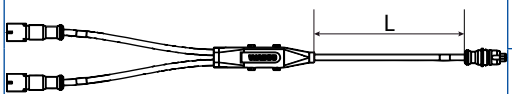
Part Number	L [m]	Cable ends type	
449 807 050 0	*5*	*Sensor socket 2-pin*	*Bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*

for LIN ultrasonic sensor



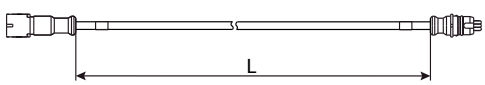
Part Number	L [m]	Cable ends type	
449 806 060 0	*6*	*Sensor socket 3-pin*	*Code B 4-pin*

LIN splitter cable



Part Number	L [m]	Cable ends type	
894 600 024 0	*0.5*	*2x sensor socket 3-pin*	*Sensor plug 3-pin*

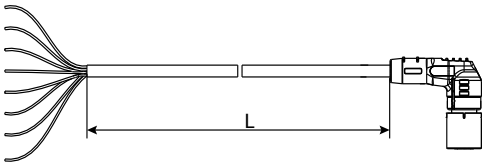
LIN extension cable



Part Number	L [m]	Cable ends type	
449 747 060 0	*6*	*Sensor socket 3-pin*	*Sensor plug 3-pin*

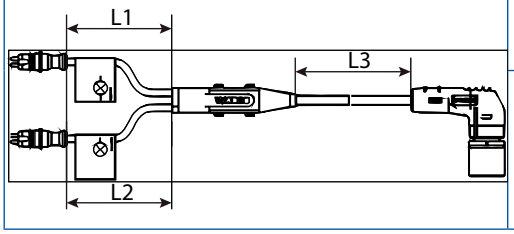
**Article not available*

Universal cable



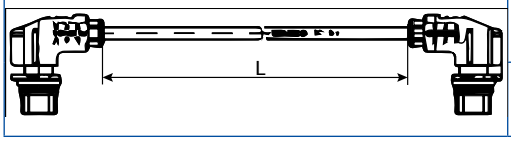
Part Number	L [m]	Cable ends type	
449 908 060 0	*6*	*open 8-strand 3 x 1.0 mm² 3 x 0.5 mm² 2 x 0.35 mm²*	*Code C 8-pin*
449 908 100 0	*10*		

Distribution cable for battery and/or light



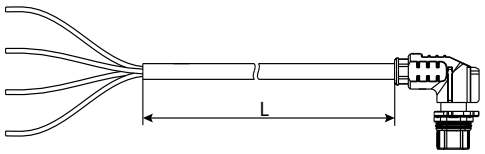
Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
449 803 022 0	*0.4*	*0.4*	*5*	*2x sensor plug 2-pin*	*Code C 8-pin*

Battery cable for TEBS E2 to TEBS E3



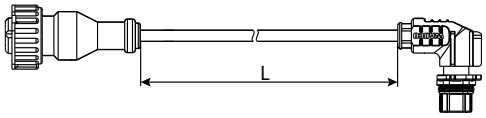
Part Number	L [m]	Cable ends type	
449 808 020 0	*2*	*Code B 4-pin*	*Code C 4-pin*

Universal cable



Part Number	L [m]	Cable ends type	
449 535 010 0	*1*	*open 4-strand 4 x 1.5 mm²*	*Code B 4-pin*
449 535 060 0	*6*		
449 535 100 0	*10*		
449 535 150 0	*15*		

for buzzer 894 450 000 0 or solenoid valve

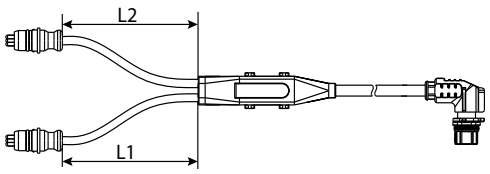


Part Number	L [m]	Cable ends type	
449 443 008 0	*0.8*	*Bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*Code B 4-pin*
449 443 010 0	*1*		
449 443 020 0	*2*		
449 443 040 0	*4*		
449 443 060 0	*6*		
449 443 100 0	*10*		

**Article not available*

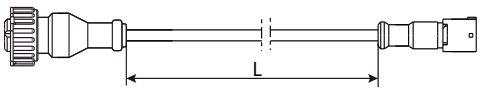
B

Y distributor



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 629 022 0	*0.4*	*0.4*	*2x sensor plug 3-pin*	*Code B 4-pin*

for solenoid valve or pressure sensor



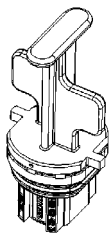
Part Number	L [m]	Cable ends type	
449 752 010 0	*1*	*Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*Sensor socket 3-pin*
449 752 020 0	*2*		
449 752 030 0	*3*		
449 752 080 0	*8*		
449 752 100 0	*10*		

TEBS E accessories and electronic extension module

Enclosure cover for electronic extension module

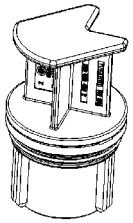
Part Number
895 310 005 2

Protective cap GIO



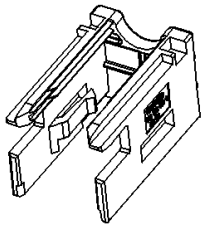
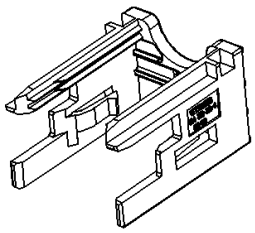
Part Number
898 020 462 2

Protective cap subsystem



Part Number
898 020 463 2

**Article not available*

Locking set	
 *10x*	**Part Number**
 *3x*	*480 102 931 2*

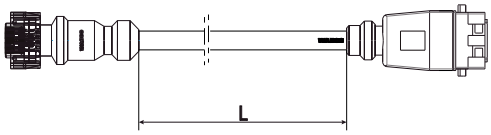
8 TEBS D

C

Function	480 102 010 0 Standard	480 102 014 0 Premium	480 102 015 0 with Trailer Central Electronic
ABS system	max. 4S/2M	max. 4S/3M	max. 4S/3M
CAN bus 24 V (ISO 7638)	✓	✓	X
CAN bus 5 V	X	X	✓
Stop light power supply	✓	✓	X
Switching output 1 / 2	✓	✓	X
Traction help	✓	✓	X
Wear indicator	✓	✓	X
Second CAN bus (OptiTire™, etc.)	X	✓	X
Battery charge for ECAS™	X	✓	X
RSS	X	✓	✓
Input "external brake pressure sensor"	X	✓	✓
Input "external axle load sensor"	✓	✓	✓

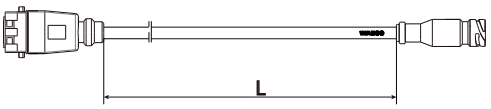
Supply cable

Supply cable with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)



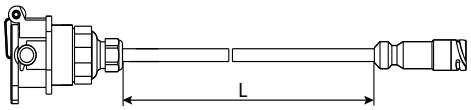
Part Number	L [m]	Cable ends type	
449 333 003 0	*0.3*	*Coupling socket 7-pin*	*X1 power 7-pin*
449 333 025 0	*2.5*		
449 333 055 0	*5.5*		
449 333 120 0	*12*		

Supply cable with separating point (in combination with 449 135 XXX 0)



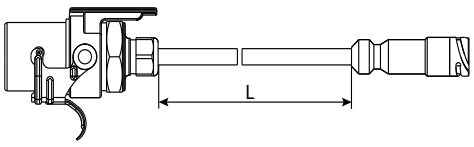
Part Number	L [m]	Cable ends type	
449 335 110 0	*11*	*X1 power 7-pin*	*Coupling connector 7-pin*
*449 335 140 0**	*14*		
449 335 180 0	*18*		

for semitrailers with separating point



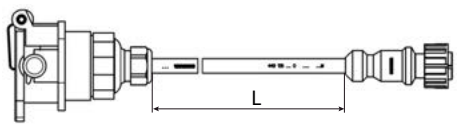
Part Number	L [m]	Cable ends type	
449 133 003 0	*0.3*	*Socket ISO 7638 7-pin*	*Coupling connector 7-pin*
449 133 030 0	*3*		
449 133 060 0	*6*		
449 133 120 0	*12*		
449 133 150 0	*15*		

for drawbar trailers with separating point



Part Number	L [m]	Cable ends type	
449 233 030 0	*3*	*Socket ISO 7638 7-pin*	*Coupling connector 7-pin*
449 233 100 0	*10*		
449 233 140 0	*14*		
449 233 180 0	*18*		

for semitrailers with separating point



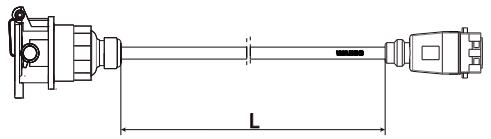
Part Number	L [m]	Cable ends type	
449 135 005 0	*0.5*	*Socket ISO 7638 7-pin*	*Coupling socket 7-pin*
449 135 025 0	*2.5*		
449 135 060 0	*6*		
449 135 140 0	*14*		

C

**Article not available*

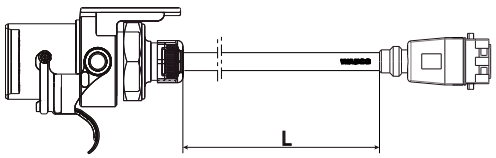
C

for semitrailers



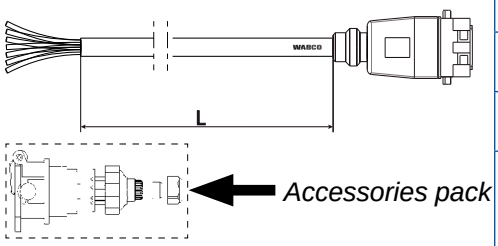
Part Number	L [m]	Cable ends type	
449 172 040 0	*4*	*Socket ISO 7638 7-pin*	*X1 power 7-pin*
449 172 090 0	*9*		
449 172 100 0	*10*		
449 172 120 0	*12*		
449 172 130 0	*13*		
449 172 150 0	*15*		

for drawbar trailers



Part Number	L [m]	Cable ends type	
449 272 060 0	*6*	*Connector ISO 7638 7-pin*	*X1 power 7-pin*
449 272 090 0	*9*		
449 272 100 0	*10*		
449 272 120 0	*12*		
449 272 150 0	*15*		

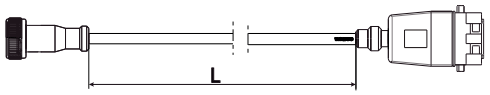
with open end



Part Number	L [m]	Cable ends type	
449 373 090 0	*9*	*open 7-strand 5 x 1.5 mm² 2 x 4.0 mm² Equipment pack with ISO 7638 socket*	*X1 power 7-pin*
449 373 120 0	*12*		
449 373 180 0	*18*		

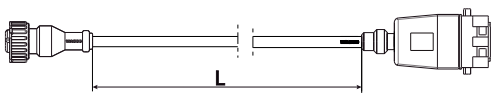
Solenoid valve cable

for ABS relay valve



Part Number	L [m]	Cable ends type	
*449 426 020 0**	*2*	*Kostal M24 x 1 3-pin*	*X4 modulator 8-pin*
449 426 030 0	*3*		

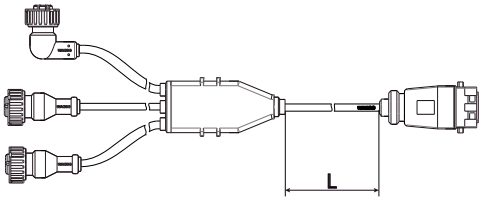
for ABS relay valve



Part Number	L [m]	Cable ends type	
*449 427 020 0**	*2*	*Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*X4 modulator 8-pin*
449 427 030 0	*3*		

**Article not available*

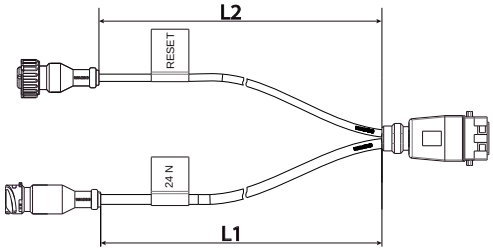
for EBS relay valve



Part Number	L [m]	Cable ends type	
449 372 010 0	*1*	*2x bajonet socket ISO 15170-B1-3.1-Sn/K1 1x bajonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*X4 modulator 8-pin*
449 372 030 0	*3*		
449 372 060 0	*6*		
449 372 080 0	*8*		
449 372 120 0	*12*		
449 372 130 0	*13*		

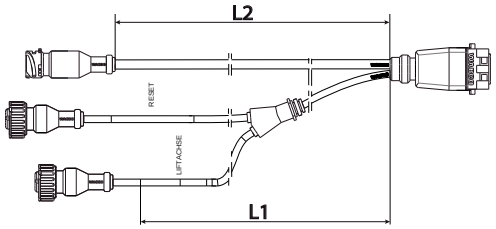
TASC™ valve cable (Trailer Air Suspension Control)

for TASC™ valve and 24 N



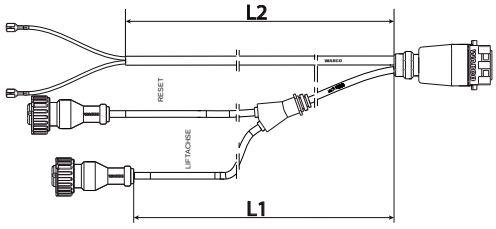
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 341 183 0	*4*	*1*	*Bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin + bayonet plug DIN 72585-B1-2.1-Sn/K1*	*X2 diagnosis 8-pin*

for TASC™ valve, lifting axle and 24 N



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 343 044 0	*1*	*1.35*	*Bayonet plug DIN 72585-A1-2.1-Sn/K1 4-pin 2x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin*	*X2 diagnosis 8-pin*

for TASC™ valve, lifting axle and 24 N

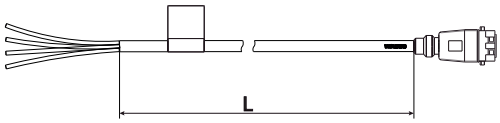


Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 346 286 0**	*2*	*8*	*open, 2-strand with push-on contacts 2 x 2.5 mm² + 2x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin*	*X2 diagnosis 8-pin*
*449 346 295 0**	*8*	*8*		
449 346 353 0	*6*	*15*		

**Article not available*

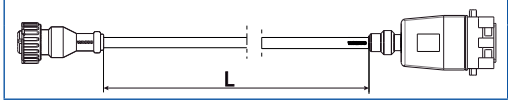
C

for TASC™ valve, lifting axle and 24 N



Part Number	L [m]	Cable ends type	
449 383 060 0	*6*	*open 4-strand 2 x 2.5 mm² 2 x 0.5 mm²*	*X2 diagnosis 8-pin*
449 383 090 0	*9*		

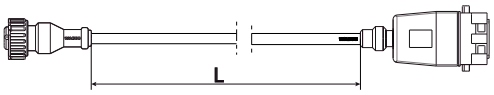
for TASC™ valve, lifting axle and 24 N



Part Number	L [m]	Cable ends type	
449 435 030 0	*3*	*DIN bayonet 4-pin*	*X2 diagnosis 8-pin*

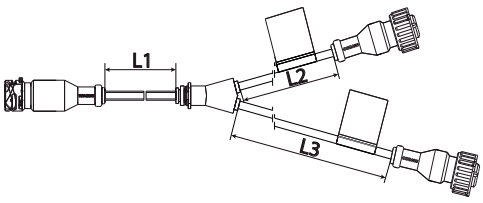
Trailer brake valve

for trailer brake valve 971 002 802 0



Part Number	L [m]	Cable ends type	
449 472 030 0	*3*	*Bayonet socket ISO 72585-B2-4.1-Sn/K1 4-pin*	*X3 IN / OUT 2 8-pin*
*449 472 035 0**	*3.5*		
*449 472 050 0**	*5*		
449 472 080 0	*8*		
*449 472 120 0**	*12*		
*449 472 130 0**	*13*		
449 472 145 0	*14.5*		
449 472 190 0	*19*		

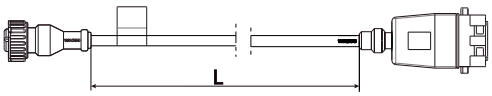
Adapter cable for pressure sensor 441 044 102 0 and pressure switch 441 014 602 0



Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
894 601 138 2	*0.1*	*0.3*	*0.6*	*Bayonet plug ISO 72585-B2-4.1-Sn/K1 4-pin*	*Bayonet socket DIN 72585-A1-2.1-Sn/K1 4-pin + bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin*

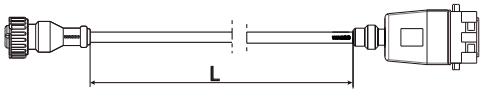
**Article not available*

for trailer brake valve 971 002 301 0 (for connecting pressure sensor)



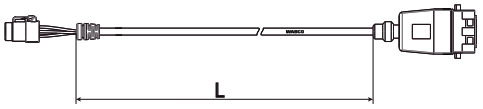
Part Number	L [m]	Cable ends type	
449 473 010 0	*1*	*Bayonet socket ISO 72585-B1-4.1-Sn/ K1 4-pin*	*X3 IN / OUT 2 8-pin*
449 473 030 0	*3*		
*449 473 050 0**	*5*		
449 473 080 0	*8*		
449 473 120 0	*12*		
449 473 130 0	*13*		
449 473 145 0	*14.5*		
*449 473 200 0**	*20*		
449 473 260 0	*26*		
449 473 320 0	*32*		

for Telematics



Part Number	L [m]	Cable ends type	
449 476 010 0	*1*	*Bayonet socket ISO 72585-B1-4.1-Sn/K1 4-pin*	*X3 IN / OUT 2 8-pin*
449 476 180 0	*18*		

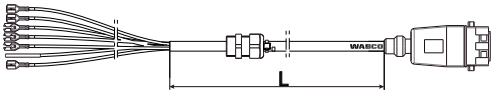
for Telematics



Part Number	L [m]	Cable ends type	
449 910 050 0	*5*	*Socket DEUTSCH® 6-pin*	*X3 IN / OUT 2 8-pin*

X2 diagnosis

for ECAS™ electronics 446 055 066 0

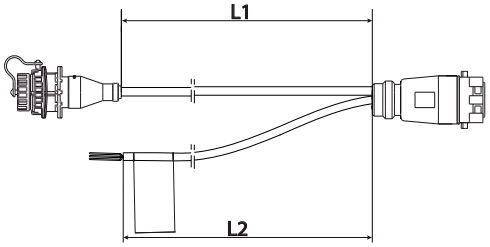


Part Number	L [m]	Cable ends type	
*449 382 010 0**	*1*	*open 7-strand with 6 push-on contacts and PG screw connection 3 x 1.5 mm² 4 x 0.5 mm²*	*X2 diagnosis 8-pin*
*449 382 015 0**	*1.5*		
449 382 060 0	*6*		
*449 382 080 0**	*8*		
*449 382 090 0**	*9*		

**Article not available*

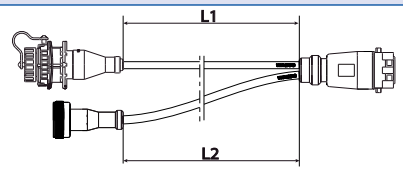
C

for Diagnosis and ISS or ILS



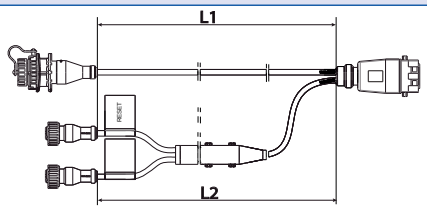
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 614 148 0	*3*	*3*	*Diagnosis socket with blue cap 7-pin + open 3-strand 3 x 0.75 mm²*	*X2 diagnosis 8-pin*
449 614 153 0	*6*	*3*		
449 614 253 0	*6*	*6*		
449 614 268 0	*3*	*7*		
449 614 295 0	*8*	*8*		

for diagnosis and lifting axle control valve



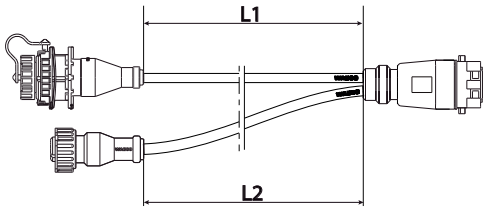
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 624 113 0	*6*	*2*	*Diagnosis socket with blue cap 7-pin + Kostal M27x1 2-pin*	*X2 diagnosis 8-pin*

for diagnosis, lifting axle valve and TASC™ valve



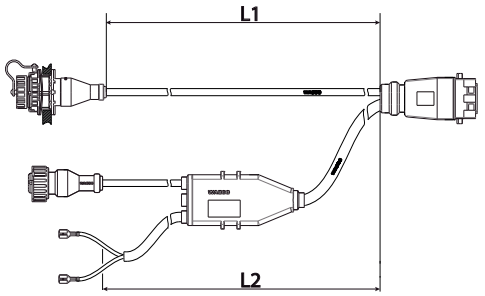
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 663 243 0	*6*	*1*	*Diagnosis socket with blue cap 7-pin + 2x bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*X2 diagnosis 8-pin*
449 663 249 0	*6*	*3.5*		
449 663 303 0	*10*	*1*		

for diagnosis and single-circuit lifting axle valve



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 664 050 0	*4*	*1*	*Diagnosis socket with blue cap 7-pin + bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*X2 diagnosis 8-pin*
449 664 131 0	*4.5*	*2.5*		
449 664 190 0	*4*	*4*		
449 664 253 0	*6*	*6*		
449 664 316 0	*10*	*10*		

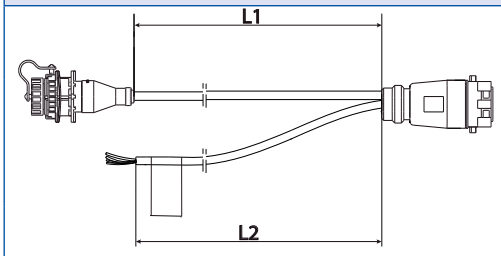
for diagnosis, lifting axle valve and 24 N



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 665 113 0**	*6*	*2*	*Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin, + open 2-strand 2 x 2.5 mm²*	*X2 diagnosis 8-pin*
449 665 253 0	*6*	*6*		

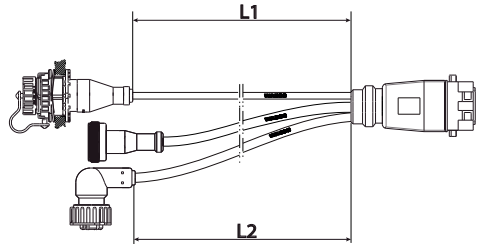
**Article not available*

for diagnosis and 24 N



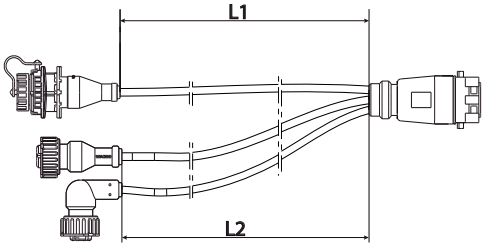
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 684 153 0	*6*	*3*	*Diagnosis socket with blue cap 7-pin + open 4-strand 2 x 2.5 mm² 2 x 0.5 mm²*	*X2 diagnosis 8-pin*
449 684 193 0	*6*	*4*		
449 684 313 0	*6*	*10*		
449 684 333 0	*6*	*12*		

for electronic air suspension module, diagnosis and lifting axle valve



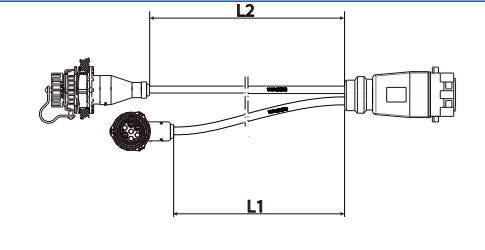
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 334 113 0	*6*	*2*	*Diagnosis socket with blue cap 7-pin + Kostal M27x1 2-pin + bayonet socket 7-pin*	*X2 diagnosis 8-pin*

for electronic air suspension module, diagnosis and lifting axle valve



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 554 113 0	*6*	*2*	*Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin + bayonet socket 7-pin*	*X2 diagnosis 8-pin*

for electronic air suspension module and diagnosis

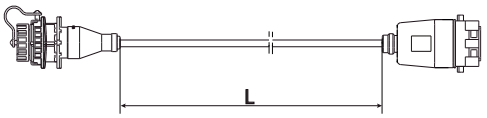


Part Number	L1 [m]	L2 [m]	Cable ends type	
449 344 246 0	*6*	*2*	*Diagnosis socket with blue cap 7-pin + bayonet socket 7-pin*	*X2 diagnosis 8-pin*
449 344 253 0	*6*	*6*		

**Article not available*

C

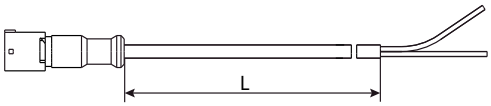
for diagnosis



Part Number	L [m]	Cable ends type	
449 672 030 0	*3*	*Diagnosis socket with blue cap 7-pin*	*X2 diagnosis 8-pin*
449 672 040 0	*4*		
449 672 050 0	*5*		
449 672 060 0	*6*		
449 672 080 0	*8*		
449 672 090 0	*9*		

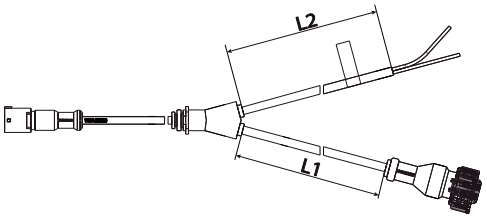
Traction help

for traction help or manoeuvring assistance



Part Number	L [m]	Cable ends type	
449 762 020 0	*2*	*Sensor socket 3-pin*	*open 2-strand 2 x 0.75 mm²*
449 762 080 0	*8*		
449 762 150 0	*15*		

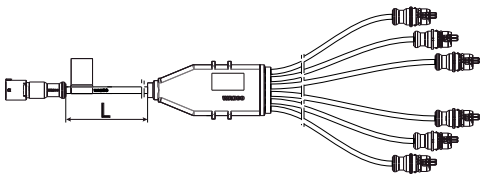
Cable for traction help button and solenoid valve (residual pressure maintenance = traction help type TH+)



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 764 348 0	*3*	*15*	*Sensor socket 3-pin*	*open 2-strand 2 x 0.75 mm² + bayonet socket DIN 72585-B1-2.1-Sn/ K1 pin*

Brake lining wear

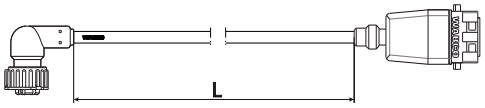
for wear indicator



Part Number	L [m]	Cable ends type	
449 834 013 0	*1.3*	*Sensor socket 3-pin*	*6x sensor plug 3-pin*

IVTM

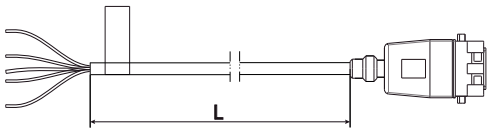
for IVTM



Part Number	L [m]	Cable ends type	
449 377 030 0	*3*	*Bayonet socket 7-pin*	*X3 IN / OUT 2 8-pin*
449 377 080 0	*8*		

**Article not available*

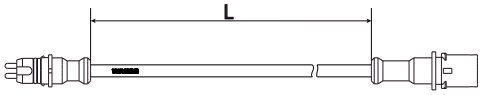
for IVTM



Part Number	L [m]	Cable ends type	
449 378 030 0	*3*	*open 5-strand 5 x 0.5 mm²*	*X3 IN / OUT 2 8-pin*

X7...X10 ABS sensor

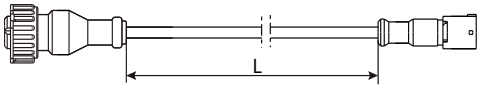
Extension cable (replacement for 894 590 XXX 2)



Part Number	L [m]	Cable ends type	
449 712 008 0	*0.8*	*Sensor plug 2-pin*	*Sensor socket 2-pin*
449 712 012 0	*1.2*		
449 712 018 0	*1.8*		
449 712 023 0	*2.3*		
449 712 030 0	*3*		
449 712 035 0	*3.5*		
449 712 038 0	*3.8*		
449 712 040 0	*4*		
449 712 051 0	*5.1*		
449 712 060 0	*6*		
449 712 064 0	*6.4*		
449 712 070 0	*7*		
449 712 080 0	*8*		
449 712 090 0	*9*		
449 712 100 0	*10*		
449 712 120 0	*12*		
449 712 130 0	*13*		
449 712 150 0	*15*		
*449 712 200 0**	*20*		

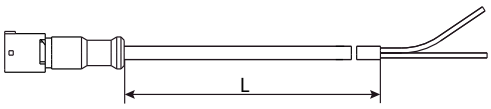
X5 IN / OUT 1

for pressure sensor, lifting axle or height sensor



Part Number	L [m]	Cable ends type	
449 752 010 0	*1*	*Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*Sensor socket 3-pin*
449 752 020 0	*2*		
449 752 030 0	*3*		
449 752 080 0	*8*		
449 752 100 0	*10*		

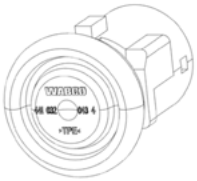
**Article not available*

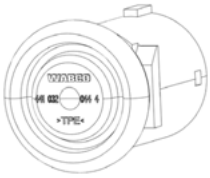
for traction help or manoeuvring assistance				
	**Part Number**	**L [m]**	**Cable ends type**	
	449 762 020 0	*2*	*Sensor socket 3-pin*	*open 2-strand 2 x 0.75 mm²*
	449 762 080 0	*8*		
	449 762 150 0	*15*		

C

Accessories TEBS D

Protective cap for plug connection X1...X4 (with ring seal)	
	Part Number
	894 110 139 2

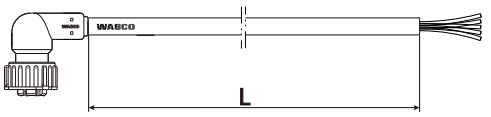
Protective cap for sensor connection X7...X10 (2-pin)	
	**Part Number**
	441 032 043 4

Protective cap for sensor connection X5...X6 (3-pin)	
	**Part Number**
	441 032 044 4

**Article not available*

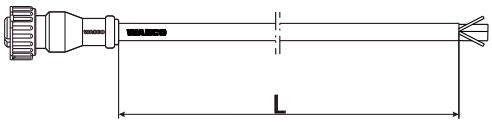
9 EBS on towing vehicle

for EBS brake signal transmitter



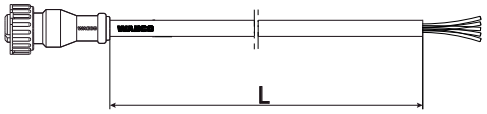
Part Number	L [m]	Cable ends type	
449 722 050 0	*5*	*Bayonet socket ISO 72858-B1-4.1-Sn/K1 4-pin*	*open 4-strand 4 x 0.5 mm²*
449 722 100 0	*10*		
449 722 150 0	*15*		

Supply and data cable (4-strand)



Part Number	L [m]	Cable ends type	
449 362 100 0	*10*	*Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin*	*open 4-strand 2 x 2.5 mm² 2 x 0.56 mm²*
449 362 140 0	*14*		
449 362 200 0	*20*		

Data cable (5-strand)



Part Number	L [m]	Cable ends type	
449 363 100 0	*10*	*Bayonet socket 7-pin*	*open 5-strand 2 x 1.0 mm² 3 x 0.5 mm²*

D

**Article not available*

10 CAN router / CAN repeater

CAN router

CAN repeater

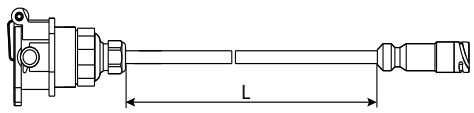
E

Type Trailer	Trailer EBS	Variant CAN router / CAN repeater	Connection external pressure sensor	Connection to CAN router / CAN repeater
EuroCombi or Roadtrain	TEBS E1 TEBS E0 TEBS D	CAN router 446 122 050 0 446 122 052 0	X	1st trailer to connection "Power OUT1" 2nd trailer to connection "Power OUT2"
Trailer vehicle with 2x TEBS (e.g. flat bed trailer)	TEBS E1	CAN router 446 122 054 0	to CAN router	rear TEBS modulator to connection "Power OUT1", front TEBS modulator to connection "Power OUT2"
	TEBS E0 TEBS D	CAN router 446 122 054 0	to TEBS modulator	
Over-length trailer vehicle (e.g. log transporters)	TEBS E1	CAN repeater 446 122 051 0 446 122 053 0	to CAN repeater	TEBS modulator to connection "Power OUT1"
	TEBS E0 TEBS D	CAN repeater 446 122 051 0 446 122 053 0	to TEBS modulator	

Part Number	Cable family
449 133 XXX 0 / 449 135 XXX 0	for semitrailers
449 231 XXX 0 / 449 233 XXX 0	for drawbar trailers
449 347 XXX 0	for TEBS E
449 333 XXX 0	for TEBS D
449 173 XXX 0	for semitrailers with TEBS E
449 273 XXX 0	for drawbar trailers with TEBS E
449 172 XXX 0	for semitrailers with TEBS D
449 272 XXX 0	for drawbar trailers with TEBS D

Supply cable

for semitrailers with separating point

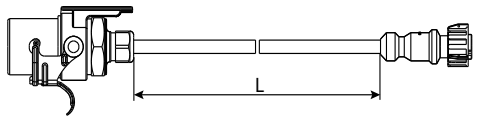


Part Number	L [m]	Cable ends type	
449 133 003 0	*0.3*	*Socket ISO 7638 7-pin*	*Coupling connector 7-pin*
449 133 030 0	*3*		
449 133 060 0	*6*		
449 133 120 0	*12*		
449 133 150 0	*15*		

for semitrailers with separating point

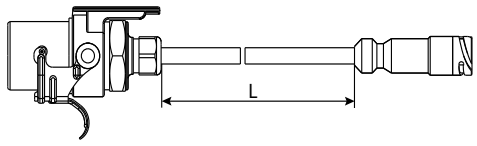
Part Number	L [m]	Cable ends type	
449 135 005 0	*0.5*	*Socket ISO 7638 7-pin*	*Coupling socket 7-pin*
449 135 025 0	*2.5*		
449 135 060 0	*6*		
449 135 140 0	*14*		

for drawbar trailers with separating point



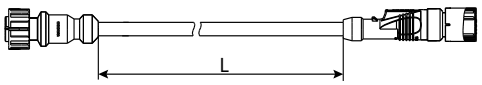
Part Number	L [m]	Cable ends type	
449 231 060 0	*6*	*Connector ISO 7638 7-pin*	*Coupling socket 7-pin*
449 231 120 0	*12*		

for drawbar trailers with separating point



Part Number	L [m]	Cable ends type	
449 233 030 0	*3*	*Connector ISO 7638 7-pin*	*Coupling connector 7-pin*
449 233 100 0	*10*		
449 233 140 0	*14*		
449 233 180 0	*18*		

with separating point

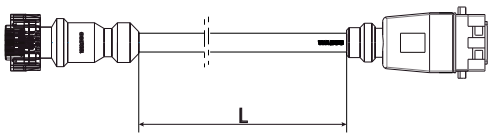


Part Number	L [m]	Cable ends type	
449 347 003 0	*0.3*	*Coupling socket 7-pin*	*Code A 8-pin*
449 347 025 0	*2.5*		
449 347 080 0	*8*		
449 347 120 0	*12*		
449 347 180 0	*18*		

E

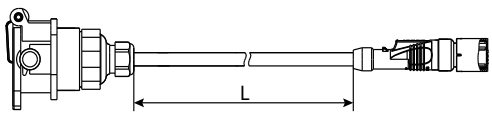
**Article not available*

Supply cable with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)



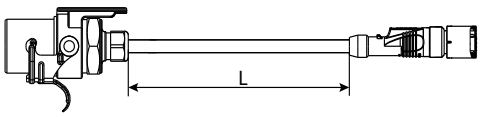
Part Number	L [m]	Cable ends type	
449 333 003 0	*0.3*	*Coupling socket 7-pin*	*X1 power 7-pin*
449 333 025 0	*2.5*		
449 333 055 0	*5.5*		
449 333 120 0	*12*		

for semitrailers



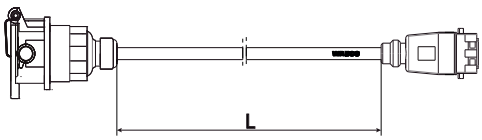
Part Number	L [m]	Cable ends type	
449 173 090 0	*9*	*Socket ISO 7638 7-pin*	*Code A 8-pin*
449 173 100 0	*10*		
449 173 120 0	*12*		
449 173 130 0	*13*		
449 173 140 0	*14*		
449 173 150 0	*15*		
449 173 160 0	*16*		

for drawbar trailers



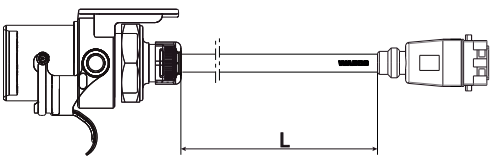
Part Number	L [m]	Cable ends type	
449 273 060 0	*6*	*Connector ISO 7638 7-pin*	*Code A 8-pin*
449 273 100 0	*10*		
449 273 120 0	*12*		
449 273 150 0	*15*		

for semitrailers



Part Number	L [m]	Cable ends type	
449 172 040 0	*4*	*Socket ISO 7638 7-pin*	*X1 power 7-pin*
449 172 090 0	*9*		
449 172 100 0	*10*		
449 172 120 0	*12*		
449 172 130 0	*13*		
449 172 150 0	*15*		

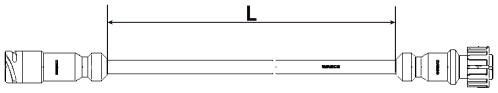
for drawbar trailers



Part Number	L [m]	Cable ends type	
449 272 060 0	*6*	*Connector ISO 7638 7-pin*	*X1 power 7-pin*
449 272 090 0	*9*		
449 272 100 0	*10*		
449 272 120 0	*12*		
449 272 150 0	*15*		

**Article not available*

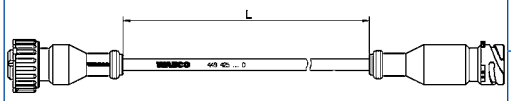
Power extension cable



Part Number	L [m]	Cable ends type	
894 600 049 0	*20*	*Coupling connector 7-pin*	*Coupling socket 7-pin*
894 600 051 0	*30*		
894 600 032 0	*40*		
894 600 033 0	*50*		
894 600 034 0	*60*		

Sensor cable

for pressure sensor

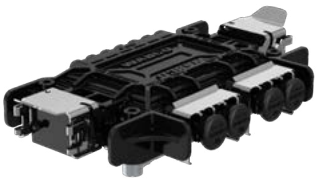


Part Number	L [m]	Cable ends type	
449 425 030 0	*3*	*Coupling socket 7-pin*	*Coupling connector 7-pin*
449 425 060 0	*6*		

E

**Article not available*

11 VCS II

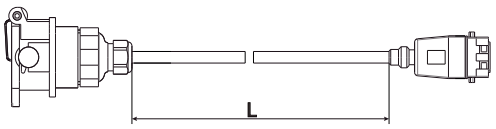
				
446 108 085 0 *Separate ECU 4S/3M*	*400 500 070 0* *STANDARD 2S/2M*	*400 500 081 0* *PREMIUM 4S/2M (3M)*	*400 500 082 0* *PREMIUM 4S/2M (3M) painted*	*400 500 083 0* *PREMIUM 4S/2M (3M) 12V*

F

Functions	*446 108 085 0*	*400 500 070 0*	*400 500 081 0*	*400 500 082 0*	*400 500 083 0*
External ABS-RV	✓	*X*	✓	✓	✓
ABS-MRV	✓	*X*	*X*	*X*	*X*
GIO D1 / D2 / A1	✓ / *X* / *X*	✓ / ✓ / *X*	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
ISO 11992-Interface (CAN)	✓	*X*	✓	✓	*X*
ECAS™- / electronic air suspension module interface	*X*	✓	✓	✓	✓

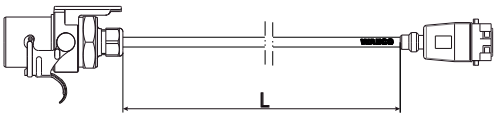
5-wire power supply cable

for semitrailers



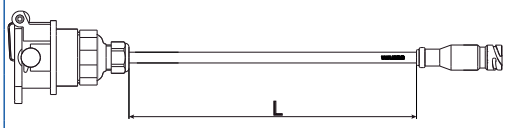
Part Number	L [m]	Cable ends type	
449 125 060 0	*6*	*Socket ISO 7638 7-pin*	*X1 power 8-pin*
449 125 100 0	*10*		
449 125 120 0	*12*		
449 125 140 0	*14*		
449 125 180 0	*18*		

for semitrailers



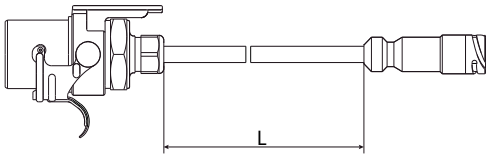
Part Number	L [m]	Cable ends type	
449 225 060 0	*6*	*Connector ISO 7638 7-pin*	*X1 power 8-pin*
449 225 100 0	*10*		
449 225 120 0	*12*		
449 225 140 0	*14*		

for semitrailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)



Part Number	L [m]	Cable ends type	
449 132 005 0	*0.5*	*Socket ISO 7638 7-pin*	*Coupling connector 5-pin*
*449 132 035 0**	*3.5*		
449 132 060 0	*6*		
449 132 080 0	*8*		
*449 132 090 0**	*9*		
449 132 100 0	*10*		
449 132 120 0	*12*		
*449 132 140 0**	*14*		
449 132 150 0	*15*		

for drawbar trailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)

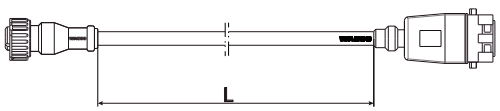


Part Number	L [m]	Cable ends type	
*449 242 080 0**	*8*	*Connector ISO 7638 7-pin*	*Coupling connector 5-pin*
449 242 100 0	*10*		
*449 242 120 0**	*12*		

F

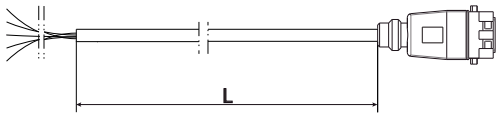
**Article not available*

Supply cable with separating point
(in combination with 449 132 XXX 0 or 449 242 XXX 0)



Part Number	L [m]	Cable ends type	
449 375 003 0	*0.3*	*Coupling socket 7-pin*	*X1 power 8-pin*
449 375 030 0	*3*		
449 375 060 0	*6*		
449 375 100 0	*10*		
449 375 120 0	*12*		

with open end

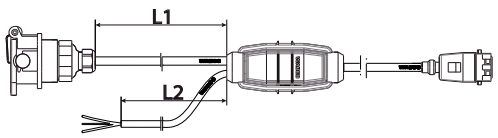


Part Number	L [m]	Cable ends type	
449 345 120 0	*12*	*open 5-strand 2 x 4.0 mm² 3 x 1.5 mm²*	*X1 power 8-pin*
449 345 150 0	*15*		

F

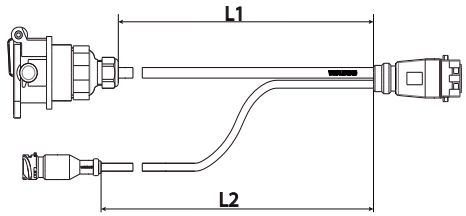
5-wire Y-power supply cable

for semitrailers and 24 N



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 124 333 0**	*6*	*12*	*Socket ISO 7638 7-pin + open 3-strand 2 x 2.5 mm² 1 x 1.5 mm²*	*X1 power 8-pin*
449 124 337 0	*12*	*12*		

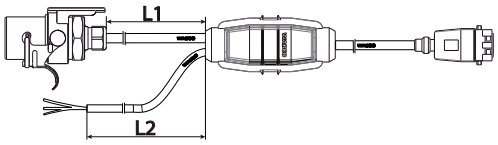
for semitrailers and 24 N



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 127 036 0	*10*	*0.4*	*Socket ISO 7638 7-pin + bayonet plug ISO 15170-B1-3.1-Sn/K1 4-pin*	*X1 power 8-pin*

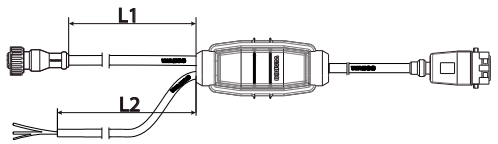
**Article not available*

for drawbar trailers and 24 N



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 224 337 0	*12*	*12*	*Plug ISO 7638 7-pin + open 3-strand 2 x 2.5 mm² 1 x 1.5 mm²*	*X1 power 8-pin*

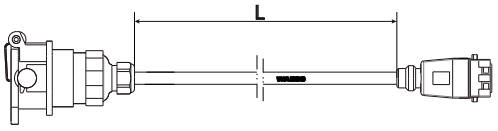
Y-supply cable with separating point (in combination with 449 132 XXX 0 or 449 242 XXX 0)



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 374 281 0	*0.25*	*8*	*Coupling socket 5-pin + open 3-strand 2 x 2.5 mm² 1 x 1.5 mm²*	*X1 power 8-pin*
449 374 323 0	*1*	*12*		
449 374 328 0	*3*	*12*		
*449 374 333 0**	*6*	*12*		

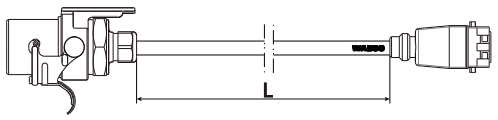
7-pin supply cable

for semitrailers



Part Number	L [m]	Cable ends type	
449 126 060 0	*6*	*Socket ISO 7638 7-pin*	*X1 power 8-pin*
449 126 100 0	*10*		
449 126 120 0	*12*		
449 126 140 0	*14*		

for drawbar trailers

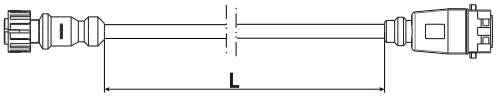


Part Number	L [m]	Cable ends type	
*449 226 030 0**	*3*	*Connector ISO 7638 7-pin*	*X1 power 8-pin*
449 226 060 0	*6*		
449 226 100 0	*10*		
449 226 120 0	*12*		
449 226 140 0	*14*		

F

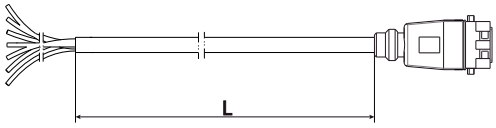
**Article not available*

Supply cable with separating point
(in combination with 449 133 XXX 0 or 449 233 XXX 0)



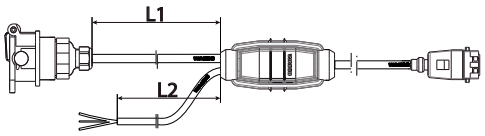
Part Number	L [m]	Cable ends type	
449 385 003 0	*0.3*	*Coupling socket 7-pin*	*X1 power 8-pin*
449 385 030 0	*3*		
449 385 060 0	*6*		
449 385 100 0	*10*		

with open end



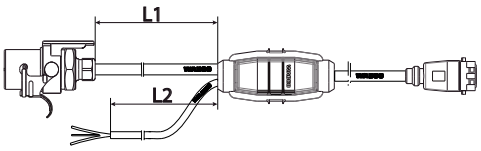
Part Number	L [m]	Cable ends type	
449 320 120 0	*12*	*open 7-strand 2 x 4.0 mm² 3 x 1.5 mm² 2 x 1.0 mm²*	*X1 power 8-pin*
449 320 150 0	*15*		

for semitrailers and 24 N



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 134 333 0**	*6*	*12*	*Socket ISO 7638 7-pin + open 3-strand 2 x 2.5 mm² 1 x 1.5 mm²*	*X1 power 8-pin*
449 134 337 0	*12*	*12*		

for drawbar trailers and 24 N

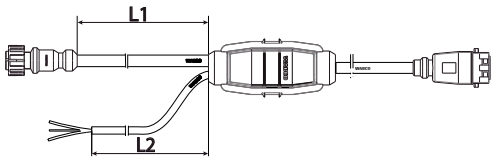


Part Number	L1 [m]	L2 [m]	Cable ends type	
449 234 337 0	*12*	*12*	*Plug ISO 7638 7-pin + open 3-strand 2 x 2.5 mm² 1 x 1.5 mm²*	*X1 power 8-pin*

F

**Article not available*

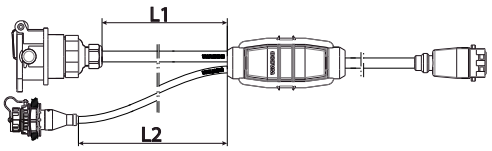
Y-supply cable with separating point
(in combination with 449 133 XXX 0 or 449 233 XXX 0)



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 384 323 0	*1*	*12*	*Coupling socket 7-pin + open 3-strand 2 x 2.5 mm² 1 x 1.5 mm²*	*X1 power 8-pin*
*449 384 328 0**	*3*	*12*		
449 384 333 0	*6*	*12*		

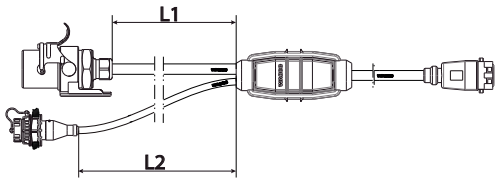
7-pin Y-supply cable + diagnosis cable

for semitrailers



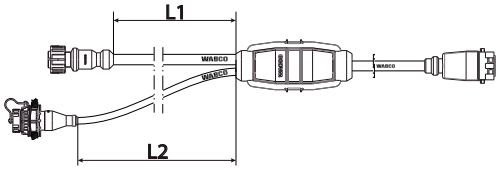
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 144 057 0	*12*	*1*	*Socket ISO 7638 7-pin + diagnosis socket with blue cap 7-pin*	*X1 power 8-pin*
*449 144 153 0**	*6*	*3*		
449 144 157 0	*12*	*3*		

for drawbar trailers



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 244 048 0	*3*	*1*	*Socket ISO 7638 7-pin + diagnosis socket with blue cap 7-pin*	*X1 power 8-pin*
449 244 055 0	*8*	*1*		
449 244 155 0	*8*	*3*		
449 244 157 0	*12*	*3*		

Y-supply cable with separating point
(in combination with 449 133 XXX 0 or 449 233 XXX 0)



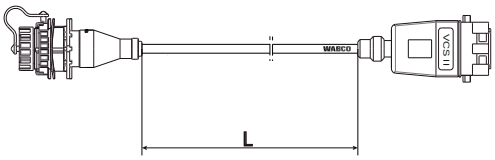
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 386 143 0	*1*	*3*	*Coupling socket 7-pin + diagnosis socket with blue cap 7-pin*	*X1 power 8-pin*
449 386 148 0	*3*	*3*		

F

*Article not available

Diagnosis cable

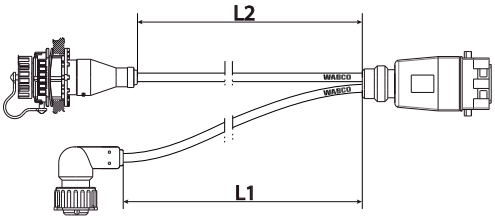
for diagnosis



Part Number	L [m]	Cable ends type	
449 615 010 0	*1*	*Diagnosis socket with blue cap 7-pin*	*X6 auxiliary plug 8-pin*
449 615 030 0	*3*		
449 615 060 0	*6*		
449 615 080 0	*8*		

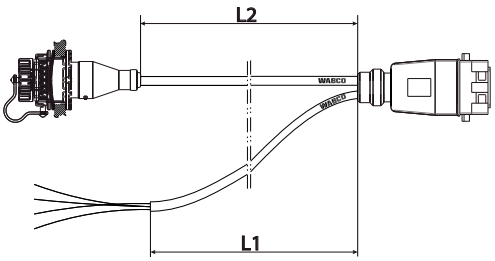
Y-diagnosis cable

for diagnosis and socket for A-modulator



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 616 148 0	*3*	*3*	*Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*X6 auxiliary plug 8-pin*
449 616 153 0	*6*	*3*		
449 616 156 0	*10*	*3*		
449 616 157 0	*12*	*3*		
449 616 158 0	*15*	*3*		
449 616 235 0	*8*	*5*		
449 616 243 0	*1*	*6*		
449 616 248 0	*3*	*6*		
449 616 253 0	*6*	*6*		
449 616 293 0	*6*	*8*		

for diagnosis and GIO interface

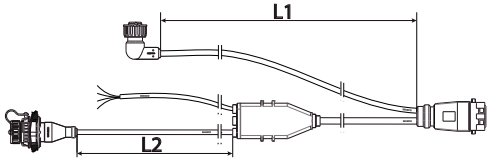


Part Number	L1 [m]	L2 [m]	Cable ends type	
449 617 013 0	*6*	*0.25*	*Diagnosis socket with blue cap 7-pin + open 4-strand 4 x 1.5 mm²*	*X6 auxiliary plug 8-pin*
449 617 157 0	*12*	*3*		
449 617 253 0	*6*	*6*		
449 617 257 0	*12*	*6*		

F

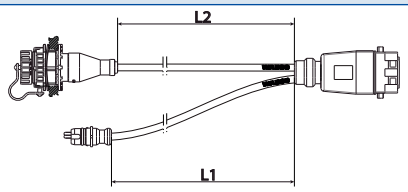
**Article not available*

for diagnosis, GIO interface and socket for A-modulator



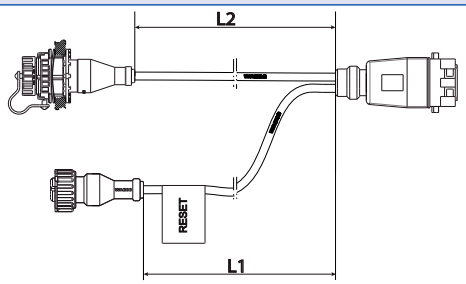
Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 618 003 0**	*1*	*0.25*	*Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin + open 4-strand 4 x 1.5 mm² + diagnosis socket with blue cap 7-pin*	*X6 auxiliary plug 8-pin*
449 618 153 0	*6*	*3*		
449 618 157 0	*12*	*3*		
449 618 255 0	*8*	*6*		

for diagnosis and GIO interface for brake lining wear indicator



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 619 148 0**	*3*	*3*	*Diagnosis socket with blue cap 7-pin + sensor plug 3-strand*	*X6 auxiliary plug 8-pin*

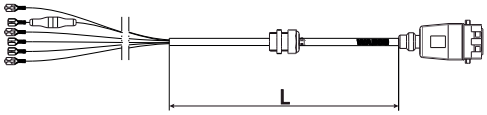
for diagnosis and TASC™ valve



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 623 253 0	*6*	*6*	*Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin*	*X6 auxiliary plug 8-pin*

Cable for connecting the ECAS™

for ECAS™ incl. one diagnosis port



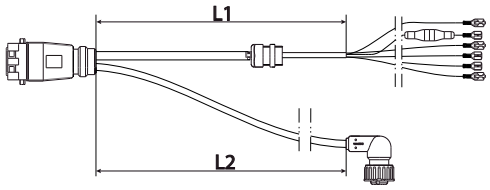
Part Number	L [m]	Cable ends type	
449 336 030 0	*3*	*open 6-strand with push-on contacts 4 x 1.5 mm² 2 x 0.5 mm²*	*X6 auxiliary plug 8-pin*

F

**Article not available*

Y-cable for connecting the ECAS™

for ECAS™ incl. one diagnosis port and socket for A-modulator

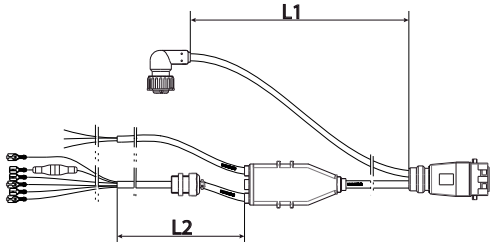


Part Number	L1 [m]	L2 [m]	Cable ends type	
449 337 248 0	*3*	*6*	*X6 auxiliary plug 8-pin*	*open 6-strand with push-on contacts 5 x 1.5 mm² 1 x 0.5 mm² + bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*
449 337 328 0	*3*	*12*		

Triple cable for connecting the ECAS™

F

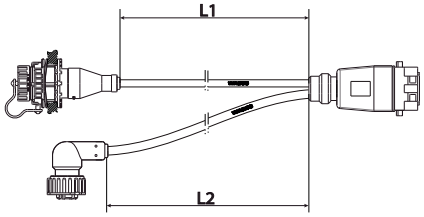
for ECAS™ incl. one diagnosis port and GIO interface as well as socket for A-modulator



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 339 297 0	*12*	*8*	*Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin + open 3-strand 3 x 1.5 mm² + open 6-strand with push-on contacts 5 x 1.5 mm² 1 x 0.5 mm²*	*X6 auxiliary plug 8-pin*

Y-cable for connecting the electronic air suspension module

for electronic air suspension module with diagnosis port

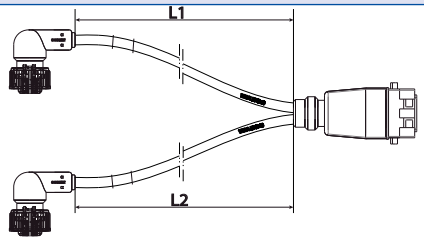


Part Number	L1 [m]	L2 [m]	Cable ends type	
449 340 153 0	*6*	*3*	*Diagnosis socket with blue cap 7-pin + bayonet socket 7-pin*	*X6 auxiliary plug 8-pin*

**Article not available*

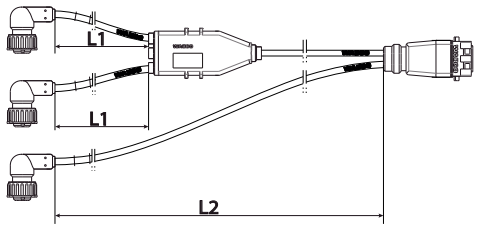
Cable for modulators

for B- and C-modulator



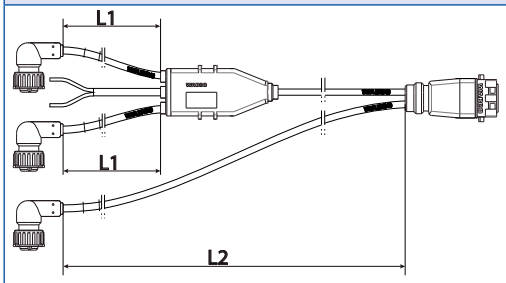
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 534 043 0	*1*	*1*	*2x bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*X6 auxiliary plug 8-pin*
449 534 148 0	*3*	*3*		
449 534 253 0	*6*	*6*		

for A-, B- and C-modulators



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 544 190 0	*4*	*4*	*3x bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*X6 auxiliary plug 8-pin*
449 544 248 0	*3*	*6*		
449 544 333 0	*6*	*12*		

for A-, B- and C-modulators and GIO interface



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 566 333 0	*6*	*12*	*3x bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin + open 2-strand 2 x 1.5 mm²*	*X6 auxiliary plug 8-pin*

VCS - VCS II power supply

Adapter cable

Part Number	L [m]	Cable ends type	
894 607 411 0	*0.3*	*Connector plug for VCS power supply*	*Coupling connector 7-pin*

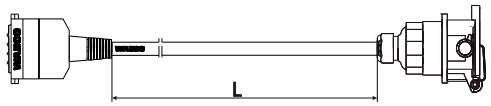
F

**Article not available*

12 VCS

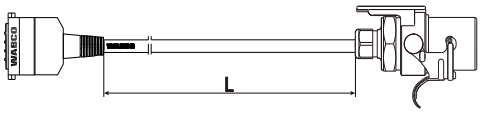
Supply cable

for semitrailers



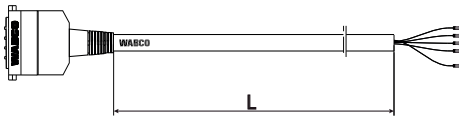
Part Number	L [m]	Cable ends type	
*449 112 035 0**	*3.5*	*Power 5-pin*	*Socket ISO 7638 5-pin*
*449 112 060 0**	*6*		
*449 112 080 0**	*8*		
*449 112 090 0**	*9*		
*449 112 100 0**	*10*		
449 112 120 0	*12*		
*449 112 130 0**	*13*		
*449 112 140 0**	*14*		

for drawbar trailers



Part Number	L [m]	Cable ends type	
*449 212 060 0**	*6*	*Power 5-pin*	*Connector ISO 7638 5-pin*
*449 212 080 0**	*8*		
*449 212 090 0**	*9*		
*449 212 100 0**	*10*		
*449 212 120 0**	*12*		
*449 212 140 0**	*14*		

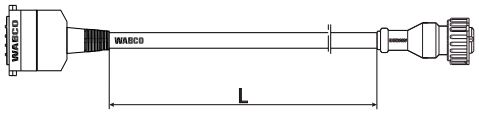
with open end



Part Number	L [m]	Cable ends type	
*449 332 003 0**	*0.3*	*Power 5-pin*	*open 5-strand with push-on contacts 2 x 4.0 mm² 3 x 1.5 mm²*
*449 332 060 0**	*6*		
*449 332 080 0**	*8*		
*449 332 090 0**	*9*		
*449 332 100 0**	*10*		
449 332 120 0	*12*		
449 332 140 0	*14*		
449 332 180 0	*18*		
*449 332 250 0**	*25*		

**Article not available*

with separating point

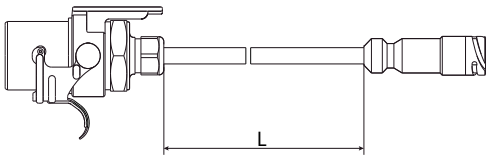


Part Number	L [m]	Cable ends type	
449 331 003 0	*0.3*	*Power 5-pin*	*Coupling socket 5-pin*
*449 331 025 0**	*2.5*		
*449 331 060 0**	*6*		
*449 331 100 0**	*10*		
449 331 120 0	*12*		
*449 331 160 0**	*16*		

for semitrailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)

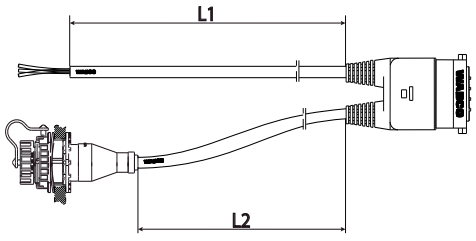
Part Number	L [m]	Cable ends type	
449 132 005 0	*0.5*	*Socket ISO 7638 5-pin*	*Coupling connector 5-pin*
*449 132 035 0**	*3.5*		
449 132 060 0	*6*		
449 132 080 0	*8*		
*449 132 090 0**	*9*		
449 132 100 0	*10*		
449 132 120 0	*12*		
*449 132 140 0**	*14*		
449 132 150 0	*15*		

for drawbar trailers with separating point (in combination with 449 375 XXX 0 or 449 374 XXX 0)



Part Number	L [m]	Cable ends type	
*449 242 080 0**	*8*	*Connector ISO 7638 5-pin*	*Coupling connector 5-pin*
449 242 100 0	*10*		
*449 242 120 0**	*12*		

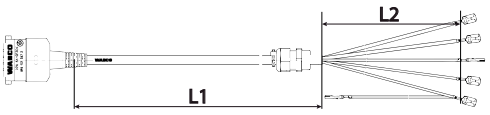
for mixed supply and diagnosis



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 314 017 0**	*12*	*0.25*	*open 3-strand 2 x 2.5 mm² 1 x 1.5 mm² + diagnosis socket with blue cap 7-pin*	*Diagnosis 5-pin*
*449 314 048 0**	*3*	*1*		
*449 314 055 0**	*8*	*1*		
*449 314 057 0**	*12*	*1*		
*449 314 235 0**	*8*	*5*		
*449 314 237 0**	*12*	*5*		
*449 314 241 0**	*0.25*	*6*		
*449 314 254 0**	*7*	*6*		
*449 314 257 0**	*12*	*6*		
*449 314 295 0**	*8*	*8*		
*449 314 337 0**	*12*	*12*		

**Article not available*

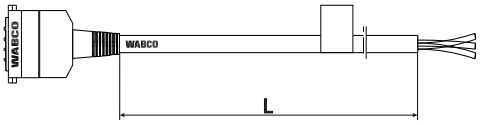
for ECAS™ electronics 446 055 065 0



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 323 010 0**	*1*	*1 x 0.08 5 x 0.25*	*Diagnosis 5-pin*	*open 5-strand with branch connection, push-on contacts and PG screw connection 2 x 2.5 mm² 4 x 0.5 mm²*
449 323 060 0	*6*	*1 x 0.08 5 x 0.25*		

ISS

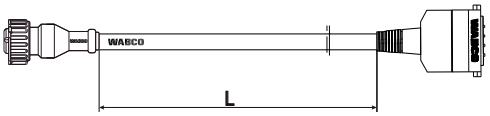
for ISS



Part Number	L [m]	Cable ends type	
*449 402 030 0**	*3*	*Modulator 5-pin*	*open 3-strand 3 x 1.5 mm²*
*449 402 060 0**	*6*		
*449 402 070 0**	*7*		
*449 402 120 0**	*12*		

Solenoid valve cable

for 3 modulator

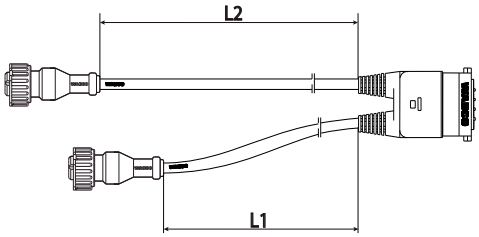


Part Number	L [m]	Cable ends type	
*449 411 005 0**	*0.5*	*Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*Modulator 5-pin*
*449 411 020 0**	*2*		
*449 411 030 0**	*3*		
*449 411 040 0**	*4*		
*449 411 050 0**	*5*		
*449 411 060 0**	*6*		
449 411 080 0	*8*		
449 411 100 0	*10*		
*449 411 120 0**	*12*		
449 411 140 0	*14*		

G

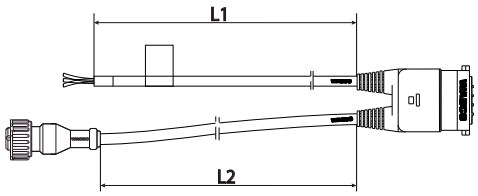
*Article not available

for modulators



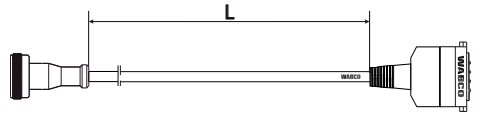
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 444 022 0	*0.4*	*0.4*	*2x bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin*	*Modulator 5-pin*
449 444 064 0	*1.35*	*1.35*		
449 444 104 0	*1.35*	*2*		
*449 444 106 0**	*2*	*2*		
*449 444 187 0**	*2.5*	*4*		
*449 444 188 0**	*3*	*4*		
449 444 190 0	*4*	*4*		
*449 444 251 0**	*4.5*	*6*		
*449 444 253 0**	*6*	*6*		
*449 444 274 0**	*7*	*7*		
449 444 316 0	*10*	*10*		

for 3rd modulator, retarder and ISS



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 454 155 0**	*3*	*8*	*open 3-strand 3 x 1.5 mm² + bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin*	*Modulator 5-pin*
449 454 295 0	*8*	*8*		

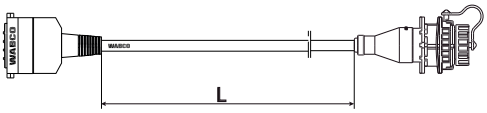
for modulators



Part Number	L [m]	Cable ends type	
*894 604 194 0**	*0.2*	*Kostal M 24 x 1 3-pin*	*Modulator 5-pin*
*894 604 195 0**	*0.24*		

Diagnosis

for diagnosis



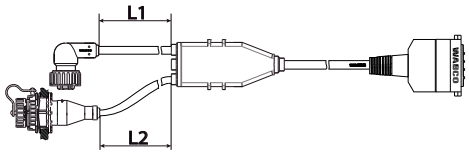
Part Number	L [m]	Cable ends type	
*449 612 010 0**	*1*	*Diagnosis 5-pin*	*Diagnosis socket with blue cap 7-pin*
449 612 030 0	*3*		
*449 612 050 0**	*5*		
*449 612 060 0**	*6*		
*449 612 120 0**	*12*		

G

**Article not available*

Electronic air suspension module

for electronic air suspension module and diagnosis



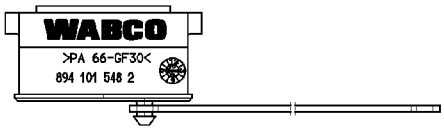
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 354 253 0	*6*	*6*	*Bayonet socket 7-pin + diagnosis socket with blue cap*	*Diagnosis 5-pin*

VCS accessories

Protective cap for plug enclosure

Part Number
894 101 548 2

Protective cap with mounting for plug enclosure



Part Number
*894 101 640 2**

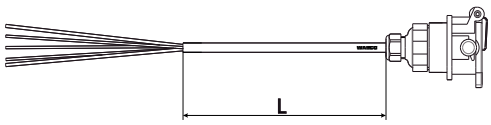
G

**Article not available*

13 Vario C

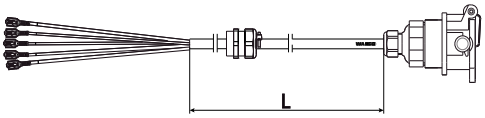
Supply cable

for semitrailer (24 V)



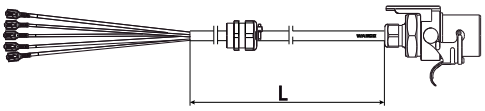
Part Number	L [m]	Cable ends type	
449 142 050 0	*5*	*open 5-strand 2 x 4.0 mm² 3 x 1.0 mm²*	*Socket ISO 7638 7-pin*
*449 142 060 0**	*6*		
*449 142 070 0**	*7*		
449 142 120 0	*12*		
449 142 140 0	*14*		
449 142 180 0	*18*		

for semitrailer (12 V)



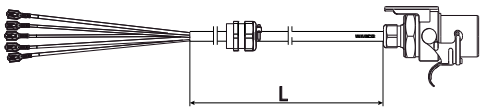
Part Number	L [m]	Cable ends type	
*449 152 060 0**	*6*	*open 5-strand with push-on contacts and PG screw connection 2 x 6.0 mm² 3 x 1.5 mm²*	*Socket ISO 7638 7-pin*
*449 152 080 0**	*8*		
*449 152 140 0**	*14*		

for drawbar trailers (24 V)



Part Number	L [m]	Cable ends type	
*449 222 060 0**	*6*	*open 5-strand with push-on contacts and PG screw connection 2 x 6.0mm² 3 x 1.5 mm²*	*Connector ISO 7638 7-pin*
*449 222 100 0**	*10*		
*449 222 120 0**	*12*		

for drawbar trailers (12 V)

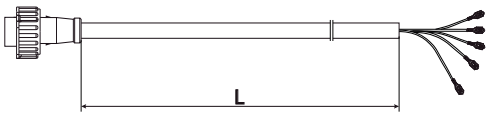


Part Number	L [m]	Cable ends type	
*449 232 080 0**	*8*	*open 5-strand with push-on contacts and PG screw connection 2 x 6.0 mm² 3 x 1.5 mm²*	*Connector ISO 7638 7-pin*

H

**Article not available*

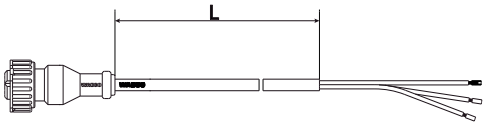
for trailers with separating point



Part Number	L [m]	Cable ends type	
*894 604 444 2**		*Coupling socket 5-pin*	*open 5-strand 3 x 1.5 mm² 2 x 6 mm² with push-on contacts*

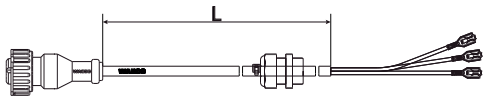
Solenoid valve cable

for modulators



Part Number	L [m]	Cable ends type	
*449 413 030 0**	*3*	*Bayonet socket ISO 15170-B1-3.1-Sn/ K1 4-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
449 413 040 0	*4*		
449 413 050 0	*5*		
*449 413 057 0**	*5.7*		
449 413 060 0	*6*		
449 413 080 0	*8*		
449 413 090 0	*9*		
449 413 100 0	*10*		
449 413 120 0	*12*		
449 413 150 0	*15*		

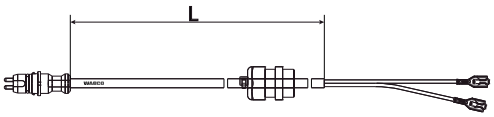
for modulators



Part Number	L [m]	Cable ends type	
*449 423 020 0**	*2*	*Bayonet socket ISO 72585-B1-3.1-Sn/ K1 4-pin*	*open 3-strand with push-on contacts and PG screw connection 3 x 1.5 mm²*
449 423 030 0	*3*		
*449 423 040 0**	*4*		
449 423 060 0	*6*		
*449 423 090 0**	*9*		
449 423 120 0	*12*		
*449 423 150 0**	*15*		

*Article not available

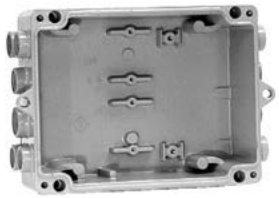
for ABS sensor (replacement for 894 590 XXX 2)



Part Number	L [m]	Cable ends type	
449 715 015 0	*1.5*	*Sensor plug 2-pin*	*open 2-strand with push-on contacts and PG screw connection 2 x 0.75 mm²*
*449 715 020 0**	*2*		
449 715 030 0	*3*		
449 715 050 0	*5*		
449 715 065 0	*6.5*		
449 715 080 0	*8*		
449 715 100 0	*10*		
449 715 120 0	*12*		
449 715 150 0	*15*		

Accessories Vario C

Bottom part of box



Part Number
446 105 012 4 *(connections: 2x PG 16, 10x PG 11)*
446 105 015 2 *(connections: 1x PG 16, 10x PG 11, incl. cable set 894 604 430 2 and cap 894 020 314 2*)*

Cable harness

Part Number
*446 105 535 2**

ABS equipment pack Vario C

Part Number
446 105 530 2
446 105 538 2 *(as 446 105 530 2, but with green supply plug)*

Cable fitting

Part Number
894 130 312 2 *(PG 11 for cable Ø 5 mm - 10 mm)*
*894 130 315 2** *(PG 16 for cable Ø 10 mm - 14 mm)*

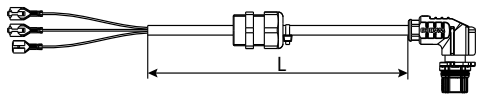
H

**Article not available*

14 ECAS™

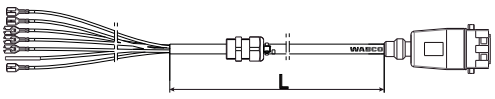
Supply cable

for EBS E (ECAS™ electronics 446 055 066 0)



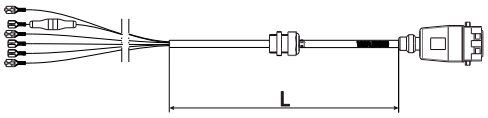
Part Number	L [m]	Cable ends type	
449 438 050 0	*5*	*open 3-strand with push-on contacts and PG screw connection 3 x 1.00 mm²*	*Code B 4-pin*
449 438 080 0	*8*		

for EBS D (ECAS™ electronics 446 055 066 0)



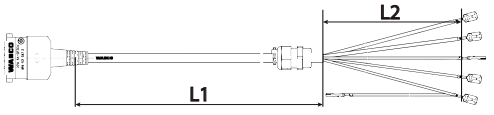
Part Number	L [m]	Cable ends type	
*449 382 010 0**	*1*	*open 7-strand with push-on contacts and PG screw connection 3 x 1.5 mm² 4 x 0.5 mm²*	*X2 diagnosis 8-pin*
*449 382 015 0**	*1.5*		
449 382 060 0	*6*		
*449 382 080 0**	*8*		
*449 382 090 0**	*9*		

for VCS II (ECAS™ electronics 446 055 066 0)



Part Number	L [m]	Cable ends type	
449 336 030 0	*3*	*open 6-strand with push-on contacts 4 x 1.5 mm² 2 x 0.5 mm²*	*X6 auxiliary plug 8-pin*

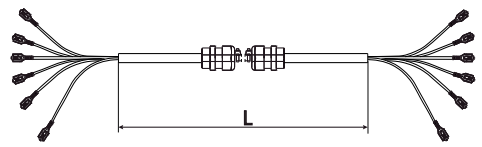
for VCS (ECAS™ electronics 446 055 065 0)



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 323 010 0**	*1*	*1 x 0.08 5 x 0.25*	*Diagnosis plug 5-pin*	*open 5-strand with branch connection push-on contacts and PG screw connection 2 x 2.5 mm² 4 x 0.5 mm²*
449 323 060 0	*6*	*1 x 0.08 5 x 0.25*		

*Article not available

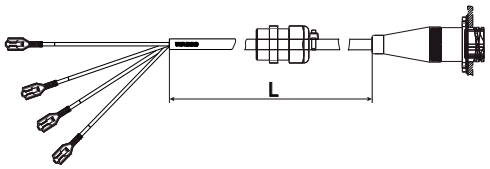
for Vario C



Part Number	L [m]	Cable ends type	
*894 601 142 2**	*1*	*open 6-strand with push-on contacts and PG screw connection 6 x 1 mm²*	*open 6-strand with push-on contacts and PG screw connection 6 x 1 mm²*
*894 601 143 2**	*2*		

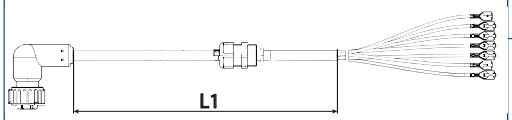
Cable remote control

for remote control unit



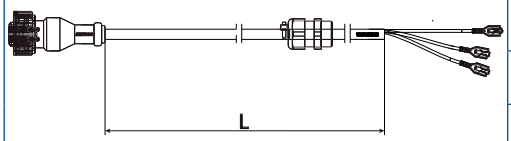
Part Number	L [m]	Cable ends type	
449 632 015 0	*1.5*	*open 4-strand with push-on contacts and PG screw connection 4 x 0.5 mm²*	*Socket Remote control unit*
449 632 050 0	*5*		
449 632 080 0	*8*		
449 632 100 0	*10*		

for control box



Part Number	L [m]	Cable ends type	
449 637 050 0	*5*	*Bayonet socket 7-pin*	*open with push-on contacts and PG screw connection 7-strand 3 x 1.5 mm² 4 x 0.5 mm²*

for pressure sensor

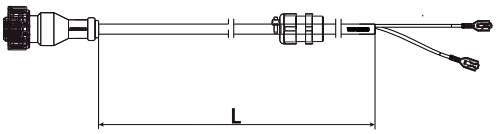


Part Number	L [m]	Cable ends type	
*449 732 030 0**	*3*	*Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*open with push-on contacts and PG screw connection 3-strand 3 x 0.5 mm²*
449 732 060 0	*6*		
449 732 100 0	*10*		

I

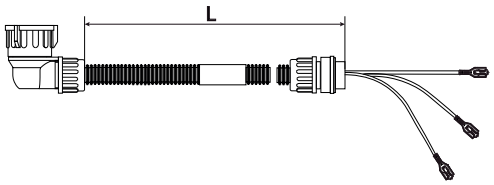
*Article not available

for height sensor



Part Number	L [m]	Cable ends type	
449 742 010 0	*1*	*DIN bayonet ISO 72585-B1-2.1-Sn/K1 4-pin*	*open 2-strand with push-on contacts and PG screw connection 2 x 0.75 mm²*
449 742 030 0	*3*		
449 742 050 0	*5*		
449 742 060 0	*6*		
449 742 100 0	*10*		
449 742 150 0	*15*		

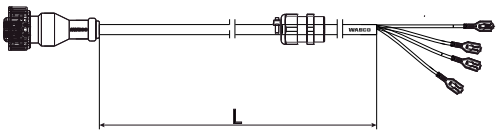
for pressure sensor



Part Number	L [m]	Cable ends type	
*894 604 419 2**	*6*	*Bayonet socket (Schlemmer) 4-pin*	*open 3-strand with push-on contacts and PG screw connection 3 x 1.0 mm²*

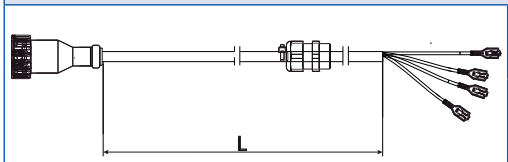
Solenoid valve cable

for solenoid valve



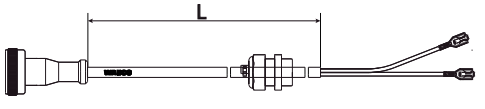
Part Number	L [m]	Cable ends type	
*449 422 010 0**	*1*	*Bayonet socket ISO 72585-B1-4.1-Sn/K1 4-pin*	*open 4-strand with push-on contacts and PG screw connection 4 x 1.0 mm²*
449 422 030 0	*3*		
449 422 050 0	*5*		
449 422 100 0	*10*		
449 422 150 0	*15*		
449 422 200 0	*20*		

for solenoid valve



Part Number	L [m]	Cable ends type	
894 601 038 2	*4*	*Bayonet socket 4-pin*	*open 4-strand with push-on contacts and PG screw connection 4 x 1.0 mm²*

for solenoid valve

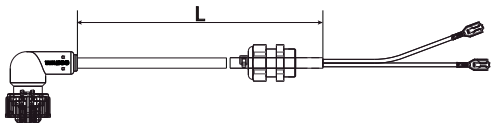


Part Number	L [m]	Cable ends type	
894 604 215 2	*5*	*Kostal socket M27 x 1 2-pin*	*open 2-strand with push-on contacts and PG screw connection 2 x 1.5 mm²*
*894 604 243 2**	*12*		

**Article not available*

Battery box cable

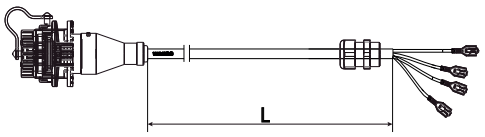
for battery box



Part Number	L [m]	Cable ends type	
449 517 060 0	*6*	*Bayonet socket ISO 72585-B1-2.1-Sn/K1 4-pin*	*open 2-strand with push-on contacts and PG screw connection 2 x 1.5 mm²*

Diagnosis cable

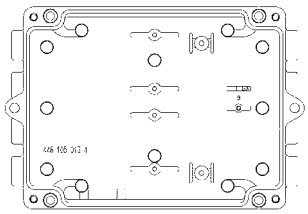
for diagnosis



Part Number	L [m]	Cable ends type	
449 621 010 0	*1*	*Diagnosis socket with blue cap 7-pin*	*open 4-strand with push-on contacts and PG screw connection 4 x 1.0 mm²*
449 621 060 0	*6*		
449 621 080 0	*8*		

Accessories ECAS™

Bottom part of box

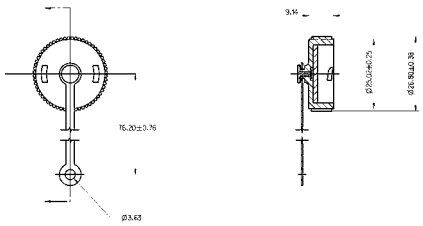


Part Number
446 105 013 4 (connections: 16 x PG 11)

ECAS equipment pack

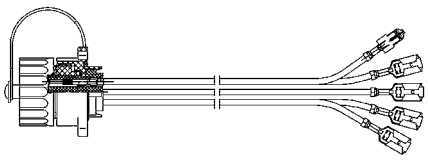
Part Number
446 055 522 2

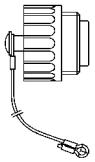
Protective cap for remote control unit socket

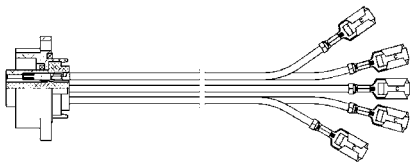


Part Number
898 020 319 2

**Article not available*

Wiring harness	
	**Part Number**
	894 604 164 2

Protective cap for diagnosis socket	
	**Part Number**
	898 020 314 2

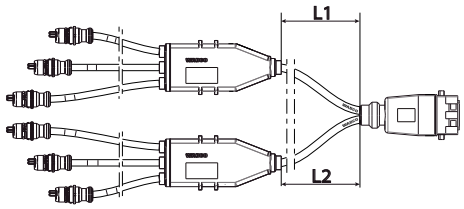
Wiring harness	
	**Part Number**
	894 604 630 2

**Article not available*

15 Trailer Central Electronic

Brake lining wear

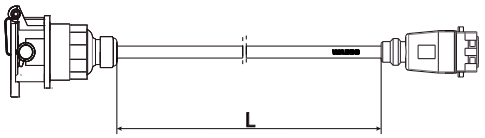
for wear indicators



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 894 023 0	*1*	*0.4*	*6x sensor plug 3-pin*	*X11 brake lining wear 8-pin*
449 894 043 0	*1*	*1*		

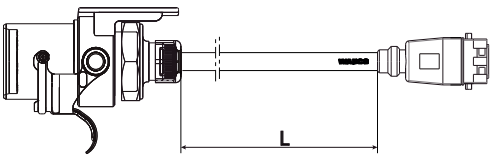
Supply cable

for semitrailers



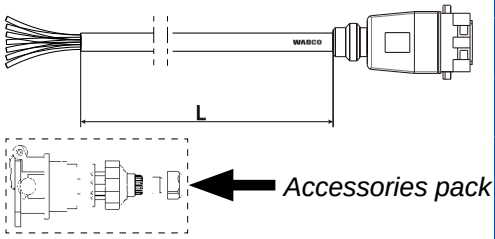
Part Number	L [m]	Cable ends type	
449 172 040 0	*4*	*Socket ISO 7638 7-pin*	*X 12 ISO 7638 7-pin*
449 172 090 0	*9*		
449 172 100 0	*10*		
449 172 120 0	*12*		
449 172 130 0	*13*		
449 172 150 0	*15*		

for drawbar trailers



Part Number	L [m]	Cable ends type	
449 272 060 0	*6*	*Connector ISO 7638 7-pin*	*X 12 ISO 7638 7-pin*
449 272 090 0	*9*		
449 272 100 0	*10*		
449 272 120 0	*12*		
449 272 150 0	*15*		

for semitrailers

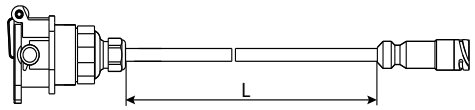


Part Number	L [m]	Cable ends type	
449 373 090 0	*9*	*open 7-strand Equipment pack with ISO 7638 socket 2 x 4.0 mm² 3 x 1.5 mm² 2 x 1.0 mm²*	*X 12 ISO 7638 7-pin*
449 373 120 0	*12*		
449 373 180 0	*18*		

J

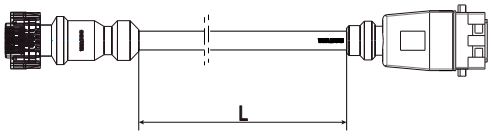
*Article not available

for semitrailers with separating point



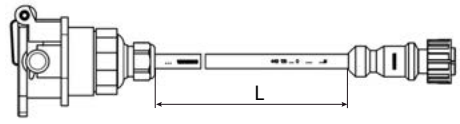
Part Number	L [m]	Cable ends type	
449 133 003 0	*0.3*	*Socket ISO 7638 7-pin*	*Coupling connector 7-pin*
449 133 030 0	*3*		
449 133 060 0	*6*		
449 133 120 0	*12*		
449 133 150 0	*15*		

with separating point (in combination with 449 133 XXX 0 or 449 233 XXX 0)



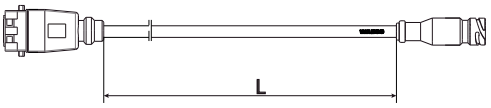
Part Number	L [m]	Cable ends type	
449 333 003 0	*0.3*	*Coupling socket 7-pin*	*X 12 ISO 7638 7-pin*
449 333 025 0	*2.5*		
449 333 055 0	*5.5*		
449 333 120 0	*12*		

for semitrailers with separating point



Part Number	L [m]	Cable ends type	
449 135 005 0	*0.5*	*Socket ISO 7638 7-pin*	*Coupling socket 7-pin*
449 135 025 0	*2.5*		
449 135 060 0	*6*		
449 135 140 0	*14*		

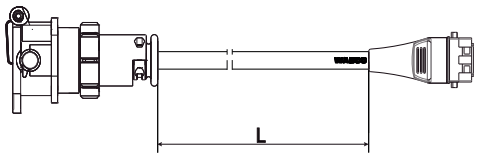
with separating point (in combination with 449 135 XXX 0)



Part Number	L [m]	Cable ends type	
449 335 110 0	*11*	*X 12 ISO 7638 7-pin*	*Coupling connector 7-pin*
*449 335 140 0**	*14*		
449 335 180 0	*18*		

supply cable

for semitrailers 15-pin

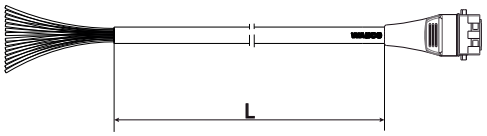


Part Number	L [m]	Cable ends type	
*449 113 100 0**	*10*	*Socket ISO 12098 15-pin*	*X 13 ISO 12098 15-pin*
449 113 120 0	*12*		
*449 113 140 0**	*14*		

J

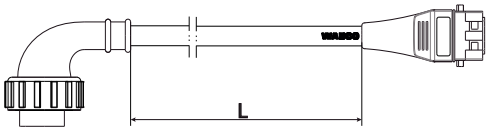
*Article not available

with open end



Part Number	L [m]	Cable ends type	
449 121 120 0	*12*	*open 15-strand 3 x 2.5 mm² 12 x 1.5 mm²*	*X 13 ISO 12098 15-pin*

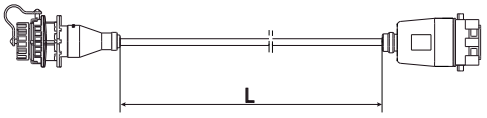
for lighting carrier



Part Number	L [m]	Cable ends type	
449 311 120 0	*12*	*Plug Hella® Trailer Systems 15-pin*	*X 13 ISO 12098 15-pin*

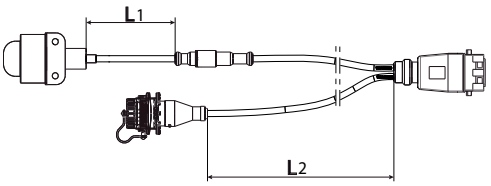
Diagnosis cable

for diagnosis



Part Number	L [m]	Cable ends type	
449 672 030 0	*3*	*Diagnosis socket with blue cap 7-pin*	*X 14 diagnosis 5-pin*
449 672 040 0	*4*		
449 672 050 0	*5*		
449 672 060 0	*6*		
449 672 080 0	*8*		
449 672 090 0	*9*		

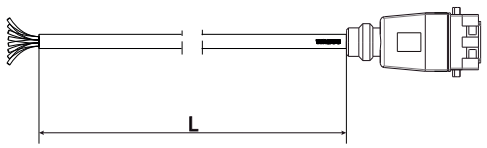
for diagnosis and warning lamp



Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 644 196 0**	*10*	*4*	*Green warning lamp + diagnosis socket with blue cap 7-pin*	*X 14 diagnosis 5-pin*

IN / OUT type, extension

IN / OUT type, extension

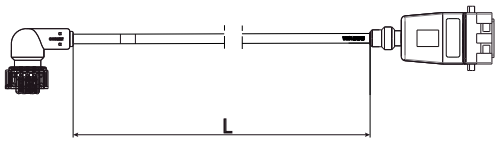


Part Number	L [m]	Cable ends type	
449 902 050 0	*5*	*open 8-strand 5 x 1.0 mm² 3 x 0.5 mm²*	*X 21 RGE+ IN / OUT 8-pin*

J

*Article not available

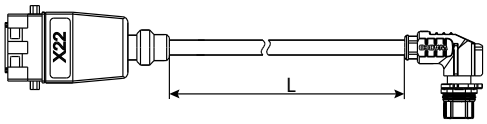
for control box



Part Number	L [m]	Cable ends type	
449 903 050 0	*5*	*Bayonet socket 7-pin*	*X 21 RGE+ IN / OUT 8-pin*
449 903 090 0	*9*		

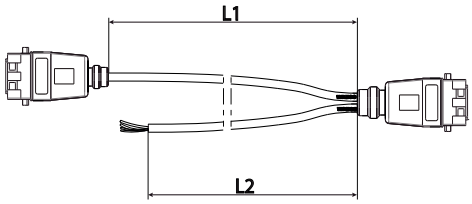
EBS trailer

for EBS E



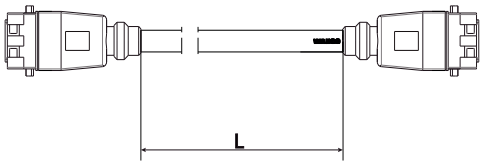
Part Number	L [m]	Cable ends type	
449 348 020 0	*2*	*Trailer Central Electronic slot X22 8-pin*	*Code C 4-pin*

for EBS D and RGE (retarder)



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 394 346 0	*2*	*18*	*X1 power 7-pin + open 4-strand 2 x 2.5 mm² 2 x 0.5 mm²*	*X22 EBS + RGE CAN 8-pin*
*449 394 366 0**	*2*	*18*		

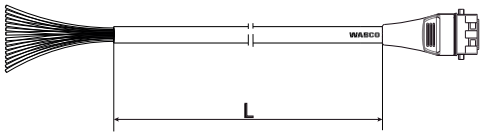
for EBS D



Part Number	L [m]	Cable ends type	
449 399 020 0	*2*	*X1 power 7-pin*	*X22 EBS + RGE CAN 8-pin*
449 399 100 0	*10*		

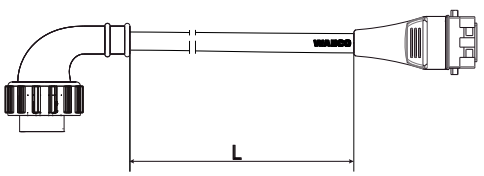
Standard vehicle lighting

for underride guard lighting



Part Number	L [m]	Cable ends type	
449 391 075 0	*7.5*	*open 15-strand 3 x 2.5 mm² 12 x 1.5 mm²*	*X23 lighting 15-pin*

for lighting carrier

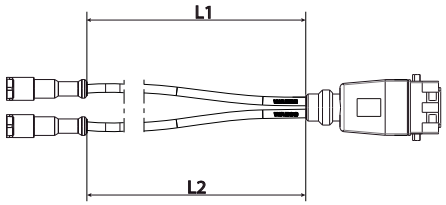


Part Number	L [m]	Cable ends type	
*449 392 075 0**	*7.5*	*Plug Hella® Trailer Systems 15-pin*	*X23 lighting 15-pin*
*449 392 100 0**	*10*		

*Article not available

Side markers

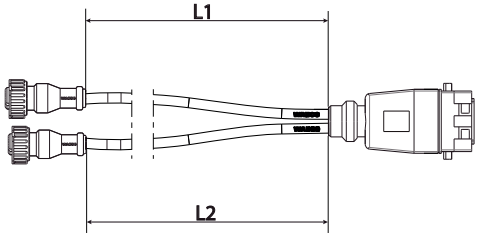
Side marker lighting



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 904 001 0	*0.25*	*0.25*	*2x sensor plug 2-pin*	*X24 side marker 4-pin*
449 904 190 0	*4*	*4*		
449 904 253 0	*6*	*6*		

Ramp approach support

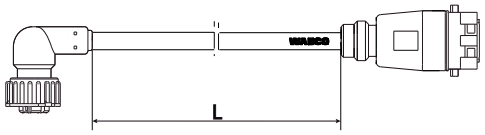
for ultra sonic sensors



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 704 253 0	*6*	*6*	*2x bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin*	*X31 ramp approach support 8-pin*
449 704 295 0	*8*	*8*		

IVTM

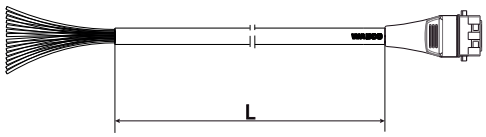
for IVTM



Part Number	L [m]	Cable ends type	
*449 302 015 0**	*1.5*	*Bayonet socket 7-pin*	*X32 IVTM + CAN setup 8-pin*
*449 302 080 0**	*8*		

Extended lighting

Additional lighting



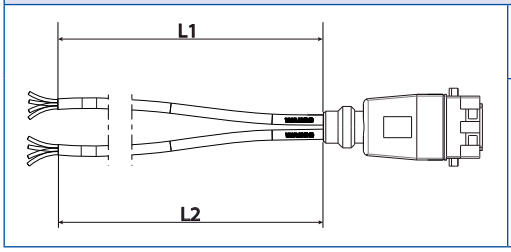
Part Number	L [m]	Cable ends type	
*449 393 075 0**	*7.5*	*open 15-strand 3 x 2.5 mm² 12 x 1.5 mm²*	*X33 superstructure lighting 15-pin*

J

**Article not available*

Additional lighting

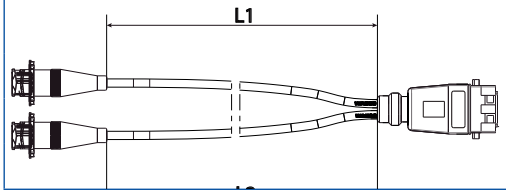
Additional lighting



Part Number	L1 [m]	L2 [m	Cable ends type	
449 604 316 0	*10*	*10*	*2x open 5-strand 10 x 1.0 mm²*	*X34 road tanker lighting 8-pin*

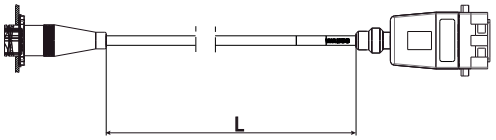
Remote control unit

for remote control unit (two sockets)



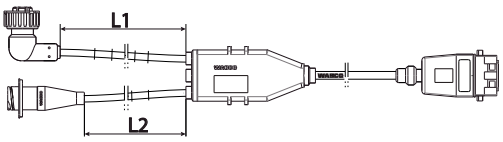
Part Number	L1 [m]	L2 [m]	Cable ends type	
*449 634 232 0**	*5*	*5*	*2x socket Remote control unit*	*X41 remote control unit 5-pin*
449 634 239 0	*18*	*5*		
449 634 316 0	*10*	*10*		

for remote control unit (one socket)



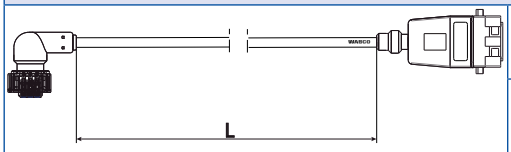
Part Number	L [m]	Cable ends type	
449 635 050 0	*5*	*Socket Remote control unit*	*X41 remote control unit 5-pin*
449 635 070 0	*7*		

for control box and remote control unit



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 654 252 0	*5*	*6*	*Bayonet socket 7-pin + remote control unit socket*	*X41 remote control unit 5-pin*

for control box



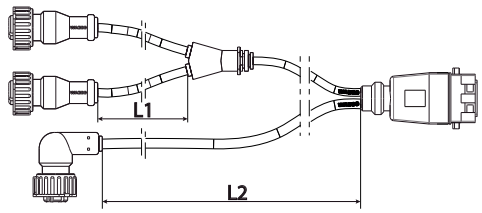
Part Number	L [m]	Cable ends type	
449 655 050 0	*5*	*Bayonet socket 7-pin*	*X41 remote control unit 5-pin*

J

*Article not available

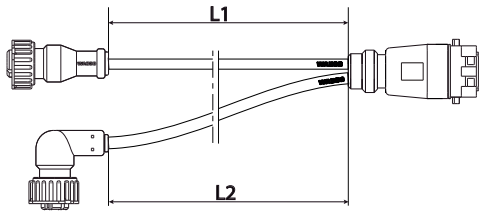
Height sensor and battery box

for two height sensors and battery box



Part Number	L1 [m]	L2 [m	Cable ends type	
449 804 228 0	*3*	*5*	*3x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin*	*X42 height sensor + battery 6-pin*

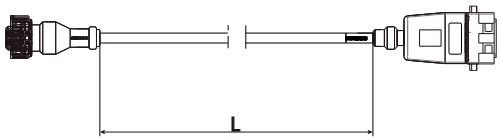
for one height sensor and battery box



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 814 228 0	*3*	*5*	*2x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin*	*X42 height sensor + battery 6-pin*
449 814 292 0	*5*	*8*		

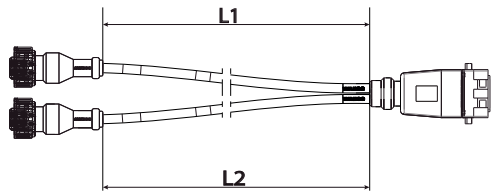
ECAS™ solenoid valve

for ECAS™ valves 472 900 XXX 0 or 472 880 030 0



Part Number	L [m]	Cable ends type	
449 483 015 0	*1.5*	*Bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin*	*X43 solenoid valve 8-pin*
449 483 025 0	*2.5*		

for ECAS™ valves 472 905 XXX 0

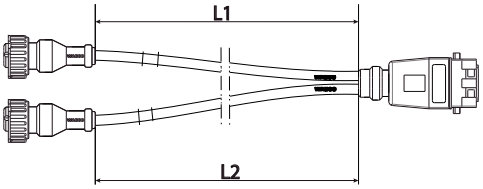


Part Number	L1 [m]	L2 [m]	Cable ends type	
449 484 085 0	*1.5*	*1.5*	*1x bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-3.3-Sn/K1 4-pin*	*X43 solenoid valve 8-pin*
449 484 127 0	*2.5*	*2.5*		

J

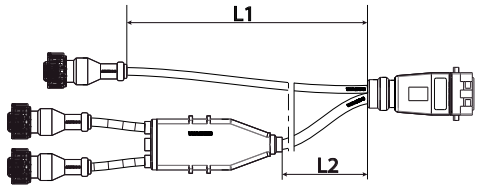
*Article not available

for ECAS™ valve and lifting axle valve 463 084 030 0



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 485 106 0	*2*	*2*	*1x bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin*	*X43 solenoid valve 8-pin*

for ECAS™ valve and lifting axle valve 463 084 010 0



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 494 025 0	*1.5*	*0.4*	*1x bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin + 1x bayonet socket DIN 72585-B1-3.3-Sn/K1 4-pin*	*X43 solenoid valve 8-pin*

Pressure sensor

J

for one pressure sensor

Part Number	L [m]	Cable ends type	
449 823 020 0	*2*	*Bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin*	*X44 pressure sensor 4-pin*

Accessories Trailer Central Electronic

Protective cap for plug connection X11 ... X44 (with ring seal)

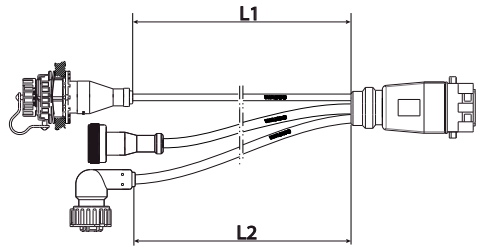
Part Number
894 110 139 2

*Article not available

16 Electronic air suspension module

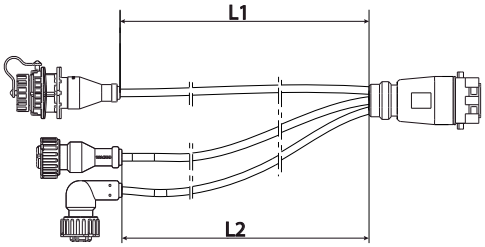
Electronic air suspension module

for EBS D, diagnosis and lifting axle valve



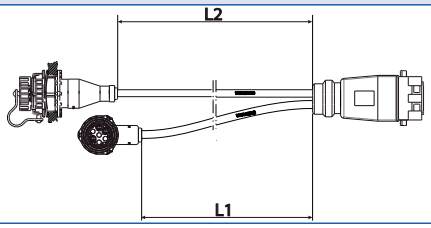
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 334 113 0	*6*	*2*	*Diagnosis socket with blue cap 7-pin + Kostal M27 x 1 2-pin + bayonet socket 7-pin*	*X2 diagnosis 8-pin*

for EBS D, diagnosis and lifting axle valve



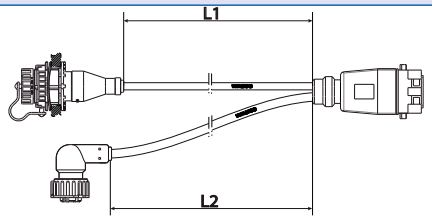
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 554 113 0	*6*	*2*	*Diagnosis socket with blue cap 7-pin + bayonet socket ISO 15170-B1-2.1-Sn/K1 4-pin + bayonet socket 7-pin*	*X2 diagnosis 8-pin*

for EBS D and diagnosis



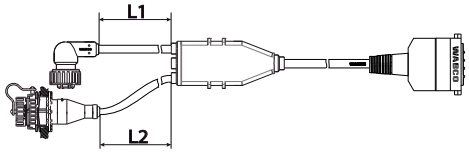
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 344 246 0	*6*	*2*	*Diagnosis socket with blue cap + bayonet socket 7-pin*	*EBS Electronics "Diagnosis"*
449 344 253 0	*6*	*6*		

for VCS II incl. and diagnosis



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 340 153 0	*6*	*3*	*Diagnosis socket with blue cap 7-pin + bayonet socket 7-pin*	*X6 auxiliary plug 8-pin*

for VCS and diagnosis



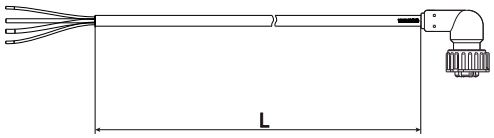
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 354 253 0	*6*	*6*	*Bayonet socket 7-pin + diagnosis socket with blue cap*	*Diagnosis 5-pin*

K

**Article not available*

Towing vehicle

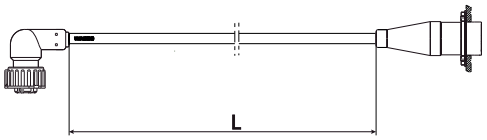
for towing vehicles



Part Number	L [m]	Cable ends type	
449 355 060 0	*6*	*open 4-strand 2 x 2.5 mm² 2 x 0.5 mm²*	*Bayonet socket 7-pin*

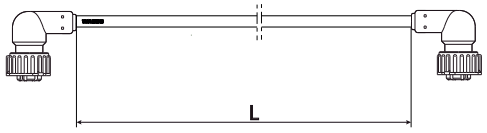
Operation

for remote control unit



Part Number	L [m]	Cable ends type	
449 633 060 0	*6*	*Bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin*	*Socket Remote control unit*

for control box



Part Number	L [m]	Cable ends type	
449 638 060 0	*6*	*Bayonet socket DIN 72585-B1-4.1-Sn/K1 4-pin*	*Bayonet socket 7-pin*

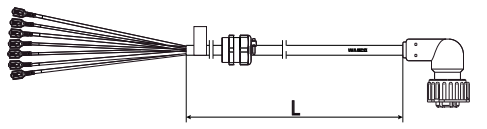
K

*Article not available

17 OptiTire™ / IVTM

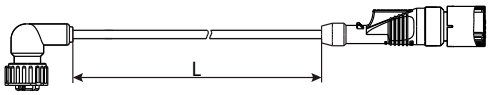
Connecting cable

with open end



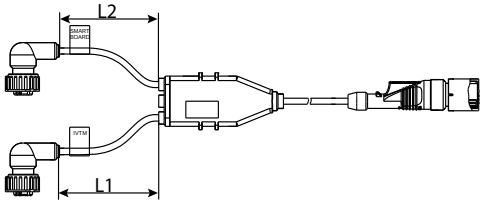
Part Number	L [m]	Cable ends type	
449 376 070 0	*7*	*open 7-strand with push-on contacts and PG screw connection 7 x 0.5 mm²*	*Bayonet socket 7-pin*
449 376 250 0	*25*		

for TEBS E (subsystem)



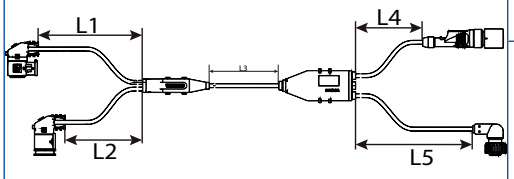
Part Number	L [m]	Cable ends type	
449 913 050 0	*5*	*Bayonet socket 7-pin*	*Code C 8-pin*

for TEBS E (subsystem) and SmartBoard



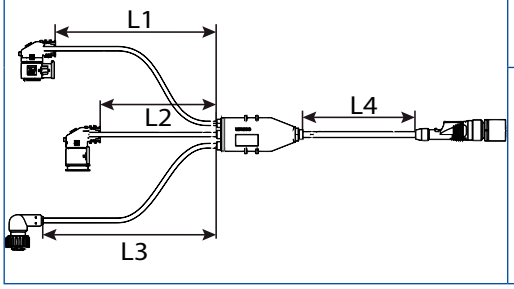
Part Number	L1 [m]	L2 [m]	Cable ends type	
449 916 182 0	*0.4*	*4*	*2 x bayonet socket 7-pin*	*Code C 8-pin*
449 916 243 0	*1*	*6*		
449 916 253 0	*6*	*6*		

for TEBS E (subsystem), OptiLink™ and SmartBoard



Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	L5 [m]	Cable ends type	
449 934 330 0	*12*	*1*	*4*	*0.5*	*6*	*2 x HDSCS 8-pin*	*Code C 8-pin + bayonet socket 7-pin*

for TEBS E (subsystem), OptiLink™ and control box

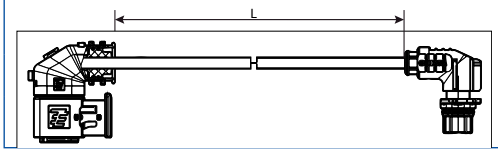


Part Number	L1 [m]	L2 [m]	L3 [m]	L4 [m]	Cable ends type	
449 944 217 0	*12*	*4.5*	*6*	*0.5*	*2 x HDSCS 8-pin + bayonet socket 7-pin*	*Code C 8-pin*

L

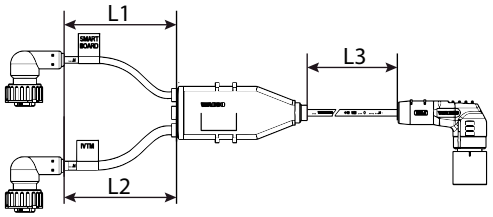
*Article not available

for TEBS E (GIO 5)



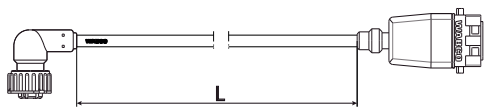
Part Number	L [m]	Cable ends type	
449 927 050 0	5	Socket HDSCS 8-pin	Code B 4-pin
449 927 120 0	12		

for electronic extension module and SmartBoard



Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
449 925 253 0	6	6	0.4	2 x bayonet socket 7-pin	Code C 8-pin

for TEBS D

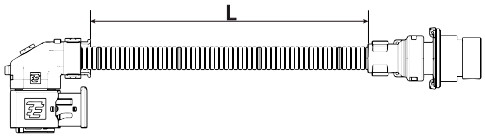


Part Number	L [m]	Cable ends type	
449 377 030 0	3	Bayonet socket 7-pin	X3 IN / OUT 2 8-pin
449 377 080 0	8		

For Trailer Central Electronic

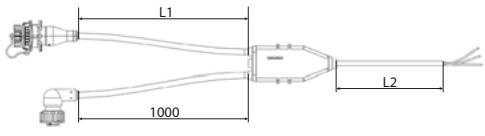
Part Number	L [m]	Cable ends type	
449 302 015 0*	1.5	Bayonet socket 7-pin	X32 IVTM + CAN setup 8-pin
449 302 080 0*	8		

Adapter cable



Part Number	L [m]	Cable ends type	
894 600 001 2	0.15	Socket HDSCS 8-pin	Bayonet plug 7-pin

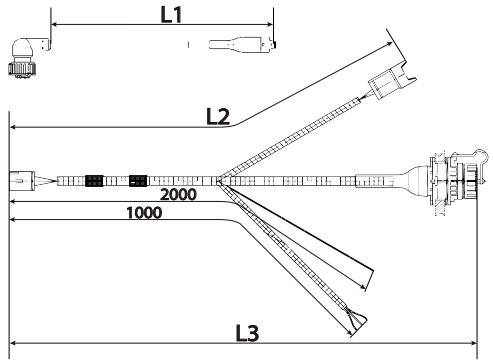
Trailer vehicle cable set



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 674 273 0	6	7	Diagnosis socket with blue cap 7-pin Bayonet socket 7-pin	open 3-strand 3 x 0.5 mm²
449 674 306 0	2	10		

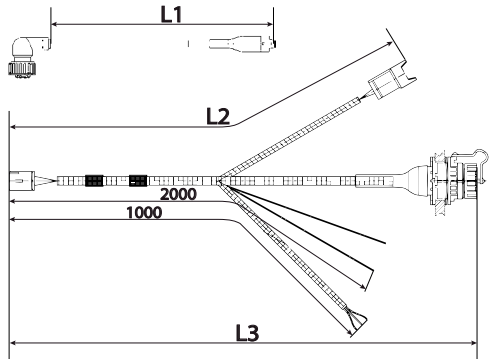
*Article not available

Bus cable set, 5-pin



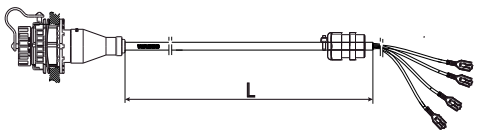
Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
894 607 295 0	*9*	*2.5*	*2*	*Bayonet socket 7-pin*	*Plug Display + diagnosis socket with blue cap 7-pin + open 4-strand 4 x 0.5 mm²*

Cable set towing vehicle, 7-pin



Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
894 607 390 0	*9*	*2.5*	*2*	*Bayonet socket 7-pin*	*Plug Display + diagnosis socket with blue cap 7-pin + open 5-strand 5 x 0.5 mm²*

for diagnosis



Part Number	L [m]	Cable ends type	
449 601 060 0	*6*	*Diagnosis socket with blue cap 7-pin*	*open 4-strand with push-on contacts and PG screw connection 4 x 0.5 mm²*

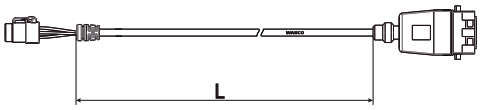
L

*Article not available

18 TrailerGUARD™

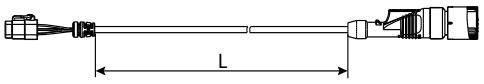
Supply

for TEBS D



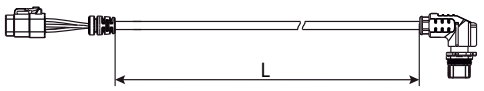
Part Number	L [m]	Cable ends type	
449 910 050 0	*5*	*Socket DEUTSCH® 6-pin*	*X3 IN / OUT 2 8-pin*

for TEBS E (subsystem)



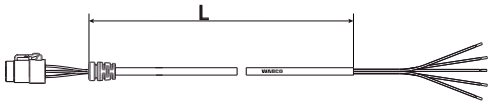
Part Number	L [m]	Cable ends type	
449 917 010 0	*1*	*Socket DEUTSCH® 6-pin*	*Code C 8-pin*
449 917 025 0	*2.5*		
449 917 050 0	*5*		

for TEBS E (GIO 5)



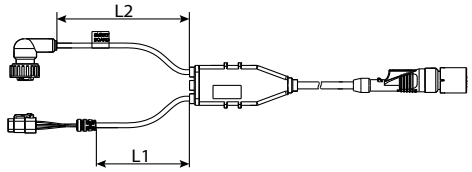
Part Number	L [m]	Cable ends type	
449 918 010 0	*1*	*Socket DEUTSCH® 6-pin*	*Code B 4-pin*
449 918 025 0	*2.5*		
449 918 050 0	*5*		

with open end



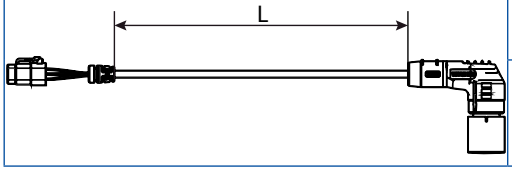
Part Number	L [m]	Cable ends type	
449 919 050 0	*5*	*Socket DEUTSCH® 6-pin*	*open 5-wire*

for TEBS E (subsystem) and SmartBoard



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 920 248 0	*3*	*6*	*Socket DEUTSCH® 6-pin + bayonet 7-pin*	*Code C 8-pin*

for TEBS E (electronic extension module subsystem)



Part Number	L [m]	Cable ends type	
449 907 010 0	*1*	*Socket DEUTSCH® 6-pin*	*Code C 8-pin*

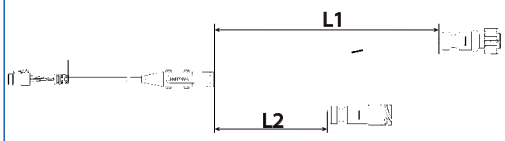
M

**Article not available*

for Haldex® EB+ Gen. 2

Part Number	L [m]	Cable ends type	
449 922 060 0	*6*	*Socket DEUTSCH® 6-pin*	*Diagnosis (green plug)*

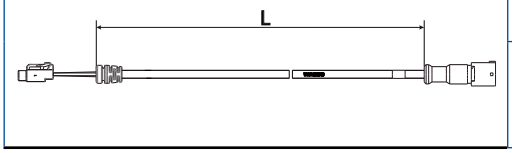
for Knorr-Bremse®



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 923 127 0	*2.5*	*2.5*	*Socket DEUTSCH® 6-pin*	*Bayonet socket 7-pin + bayonet plug 7-pin*

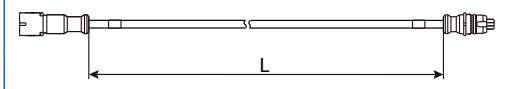
Sensors

for coupling and door sensor



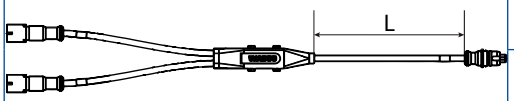
Part Number	L [m]	Cable ends type	
449 745 005 0	*0.5*	*Socket DEUTSCH® 3-pin*	*Sensor socket 3-pin*

Extension cable (red marking)



Part Number	L [m]	Cable ends type	
449 747 060 0	*6*	*Sensor socket 3-pin*	*Sensor plug 3-pin*

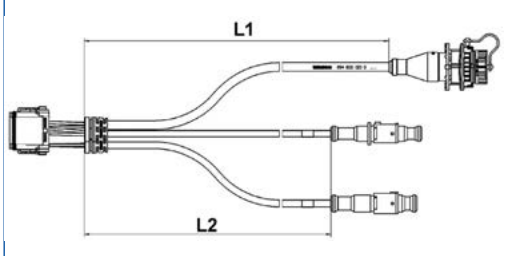
LIN splitter cable



Part Number	L [m]	Cable ends type	
894 600 024 0	*0.5*	*2 x sensor socket 3-pin*	*Sensor plug 3-pin*

Option and refrigeration system cable

for temperature logger, battery and diagnosis

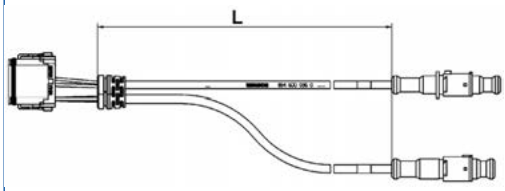


Part Number	L1 [m]	L2 [m]	Cable ends type	
894 600 025 0	*1*	*0.5*	*OPTION 18-pin*	*Diagnosis socket with yellow cap 7-pin + sensor socket 2-pin + sensor socket 3-pin*

M

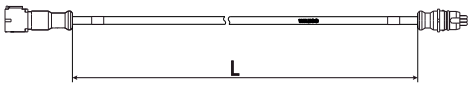
**Article not available*

for temperature logger and battery



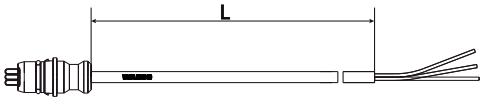
Part Number	L [m]	Cable ends type	
894 600 036 0	*0.5*	*OPTION 18-pin*	*Sensor socket 2-pin + sensor socket 3-pin*

Extension cable (blue marking)



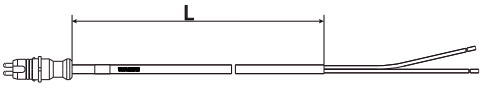
Part Number	L [m]	Cable ends type	
449 746 150 0	*15*	*Sensor socket 3-pin*	*Sensor plug 3-pin*

for temperature logger



Part Number	L [m]	Cable ends type	
449 718 005 0	*0.5*	*Sensor plug 3-pin*	*open 3-strand 3 x 0.5 mm²*
449 718 020 0	*2*		
449 718 025 0	*2.5*		
449 718 050 0	*5*		
449 718 060 0	*6*		
449 718 150 0	*15*		
449 718 160 0	*16*		
449 718 180 0	*18*		

for battery



Part Number	L [m]	Cable ends type	
449 748 180 0	*18*	*Sensor plug 2-pin*	*open 2-strand 2 x 1.0 mm²*

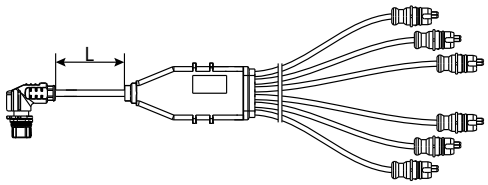
M

**Article not available*

19 Brake lining wear

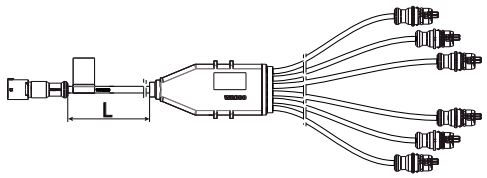
Distributor

for EBS E



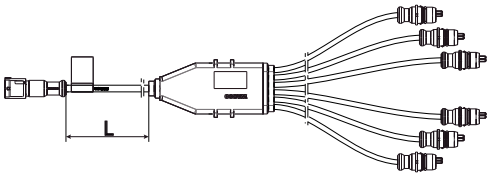
Part Number	L [m]	Cable ends type	
449 816 013 0	*1.3*	*Code B 4-pin*	*6x sensor plug 3-pin*
449 816 030 0	*3*		

for EBS D



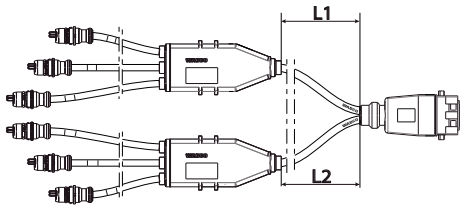
Part Number	L [m]	Cable ends type	
449 834 013 0	*1.3*	*Sensor socket 3-pin*	*6x sensor plug 3-pin*

for EBS D (with company identifier)



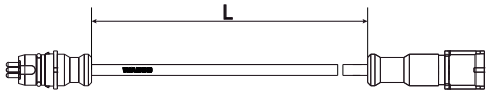
Part Number	L [m]	Cable ends type	
*449 833 013 0**	*1.3*	*Sensor socket 3-pin*	*6x sensor plug 3-pin*

For Trailer Central Electronic



Part Number	L1 [m]	L2 [m]	Cable ends type	
449 894 023 0	*1*	*0.4*	*2x 3 sensor plug 3-pin*	*X11 brake lining wear 8-pin*
449 894 043 0	*1*	*1*		

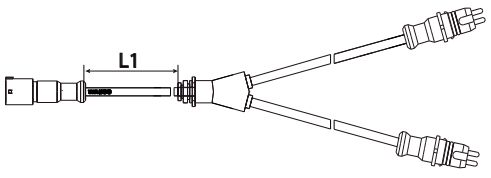
Extension cable



Part Number	L [m]	Cable ends type	
449 720 010 0	*1*	*Coupling connector 3-pin*	*Coupling socket 3-pin*
449 720 020 0	*2*		
449 720 050 0	*5*		

N

**Article not available*

Y distributor				
	**Part Number**	**L [m]**	**Cable ends type**	
	894 590 082 0	*0.1*	*Coupler socket 3-pin*	*Coupling connector 3-pin*

Cable bridge	
	Part Number
	441 902 312 2

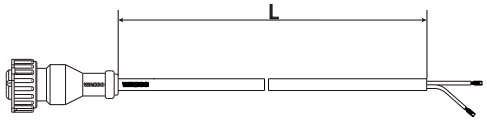
N

**Article not available*

20 Solenoid valve cable

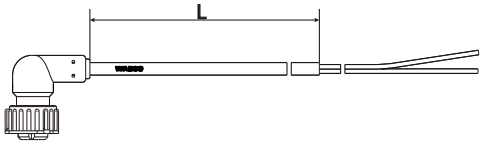
General

with open end



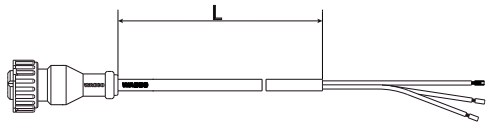
Part Number	L [m]	Cable ends type	
449 415 060 0	*6*	*Bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin*	*open 2-strand with push-on contacts 2 x 1.5 mm²*
449 415 080 0	*8*		
449 415 100 0	*10*		
449 415 180 0	*18*		

for solenoid valve or air dryer heater



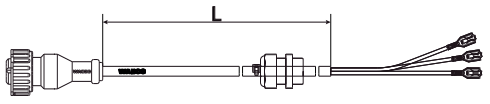
Part Number	L [m]	Cable ends type	
449 515 004 0	*0.4*	*Bayonet socket ISO 15170-B1-2.1-Sn/K1*	*open 2-strand 2 x 1.5 mm²*
449 515 020 0	*2*		
449 515 050 0	*5*		
449 515 070 0	*7*		
449 515 100 0	*10*		
449 515 120 0	*12*		
449 515 150 0	*15*		

with open end



Part Number	L [m]	Cable ends type	
*449 413 030 0**	*3*	*Bayonet socket ISO 15170-B1-3.1-Sn/K1 4-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
449 413 040 0	*4*		
449 413 050 0	*5*		
*449 413 057 0**	*5.7*		
449 413 060 0	*6*		
449 413 080 0	*8*		
449 413 090 0	*9*		
449 413 100 0	*10*		
449 413 120 0	*12*		
449 413 150 0	*15*		

with open end

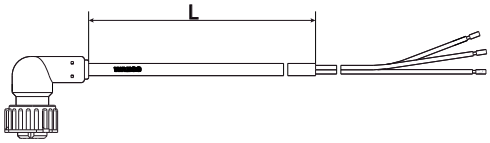


Part Number	L [m]	Cable ends type	
*449 423 020 0**	*2*	*Bayonet socket ISO 72585-B1-3.1-Sn/K1 4-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
449 423 030 0	*3*		
*449 423 040 0**	*4*		
449 423 060 0	*6*		
*449 423 090 0**	*9*		
449 423 120 0	*12*		
*449 423 150 0**	*15*		

**Article not available*

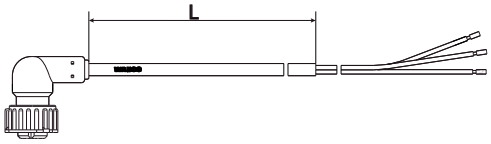
Solenoid valve cable

with open end



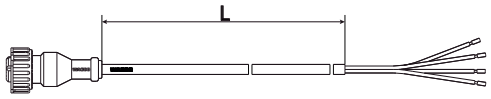
Part Number	L [m]	Cable ends type	
449 513 004 0	*0.4*	*Bayonet socket ISO 15170-B1-3.1-Sn/ K1*	*open 3-strand with push-on contacts 3 x 1.0 mm²*
*449 513 009 0**	*0.9*		
449 513 030 0	*3*		
449 513 040 0	*4*		
449 513 050 0	*5*		
449 513 060 0	*6*		
449 513 080 0	*8*		
449 513 090 0	*9*		
449 513 100 0	*10*		
449 513 120 0	*12*		
449 513 150 0	*15*		
449 513 160 0	*16*		
449 513 200 0	*20*		
*449 513 220 0**	*22*		

with open end



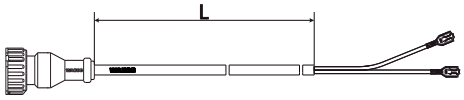
Part Number	L [m]	Cable ends type	
*449 514 020 0**	*2*	*Bayonet socket DIN 72585-B2-3.1-Sn/ K1*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
*449 514 100 0**	*10*		
*449 514 120 0**	*12*		
*449 514 150 0**	*15*		

with open end



Part Number	L [m]	Cable ends type	
449 420 050 0	*5*	*Bayonet socket ISO 15170-B2-4.1-Sn/ K1*	*open 4-strand with push-on contacts 4 x 1.0 mm²*
449 420 150 0	*15*		

with open end



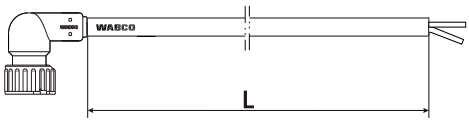
Part Number	L [m]	Cable ends type	
*894 590 152 2**	*3*	*Bayonet socket (Schlemmer) 3-pin*	*2-strand with push-on contacts 2 x 1.5 mm²*

O

*Article not available

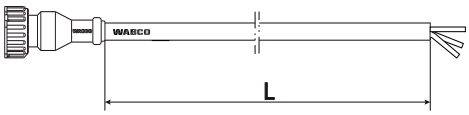
Solenoid valve cable

with open end



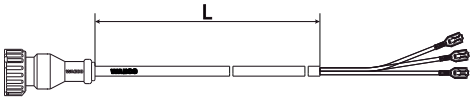
Part Number	L [m]	Cable ends type	
894 590 028 2	*5*	*Bayonet socket (Schlemmer) 3-pin*	*open 2-strand 2 x 1.5 mm²*
*894 590 030 2**	*7*		
*894 590 031 2**	*8*		
*894 590 032 2**	*9*		
*894 590 033 2**	*11*		
894 590 038 2	*13*		
894 590 040 2	*0.46*		
*894 590 041 2**	*0.8*		

with open end



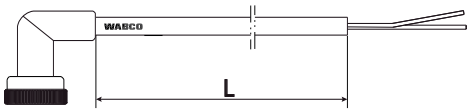
Part Number	L [m]	Cable ends type	
*894 590 126 2**	*3*	*Bayonet socket (Schlemmer) 3-pin*	*open 3-strand 3 x 1.5 mm²*
894 590 127 2	*4*		
*894 590 128 2**	*5*		
*894 590 129 2**	*6*		
894 590 131 2	*8*		
*894 590 132 2**	*9*		
*894 590 133 2**	*11*		
894 590 134 2	*13*		

with open end



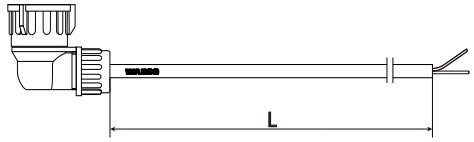
Part Number	L [m]	Cable ends type	
894 590 151 2	*3*	*Bayonet socket (Schlemmer) 3-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*

for air dryer heater or lifting axle valve



Part Number	L [m]	Cable ends type	
894 600 450 2	*0.30*	*Kostal socket M 24 x 1 2-pin*	*open 2-strand 2 x 1.5 mm²*
894 600 451 2	*0.30*	*Kostal socket M 27 x 1 2-pin*	*open 2-strand 2 x 1.5 mm²*

for solenoid valve or air dryer heater

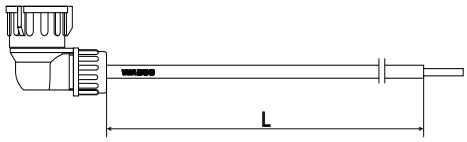


Part Number	L [m]	Cable ends type	
894 600 454 2	*5*	*Socket M 27 x 1 2-pin*	*open 2-strand 2 x 1 mm²*
894 600 458 2	*10*		

**Article not available*

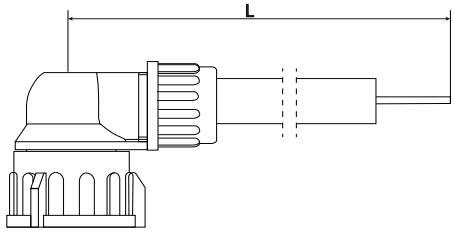
Solenoid valve cable

for solenoid valve or air dryer heater



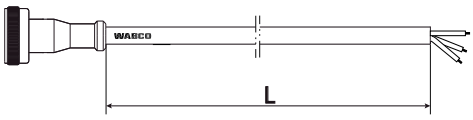
Part Number	L [m]	Cable ends type	
894 100 353 2	*5*	*Socket M 24 x 1 3-pin*	*open 2-strand 2 x 1.0 mm²*

for solenoid valve or air dryer heater



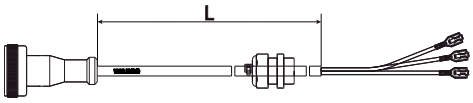
Part Number	L [m]	Cable ends type	
894 101 130 2	*10*	*Socket M 24 x 1 3-pin*	*open 2-strand 2 x 1.0 mm²*

with open end



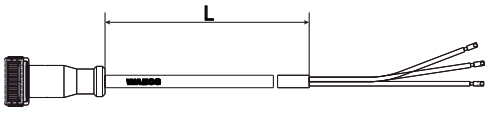
Part Number	L [m]	Cable ends type	
*894 590 101 2**	*0.8*	*Kostal socket M 24 x 1 3-pin*	*open 3-strand 3 x 1.5 mm²*
*894 590 106 2**	*1.5*		
*894 590 110 2**	*13*		

with open end



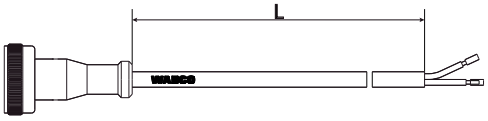
Part Number	L [m]	Cable ends type	
*894 590 136 2**	*1.5*	*Kostal socket M 24 x 1 3-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
*894 590 137 2**	*5*		

with open end



Part Number	L [m]	Cable ends type	
449 511 060 0	*6*	*Kostal socket M 24 x 1 3-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
449 511 090 0	*9*		
449 511 120 0	*12*		
449 511 150 0	*15*		

with open end



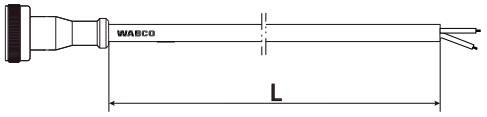
Part Number	L [m]	Cable ends type	
449 521 005 0	*0.5*	*Kostal socket M 27 x 1 2-pin*	*open 2-strand with push-on contacts 2 x 1.5 mm²*
449 521 010 0	*1*		
449 521 050 0	*5*		
449 521 100 0	*10*		
449 521 150 0	*15*		

O

*Article not available

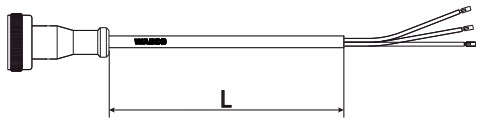
Solenoid valve cable

with open end



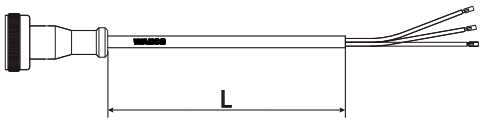
Part Number	L [m]	Cable ends type	
*894 601 021 2**	*5*	*Kostal socket M 27 x 1 2-pin*	*open 2-strand 2 x 1.5 mm²*
*894 601 022 2**	*10*		

with open end



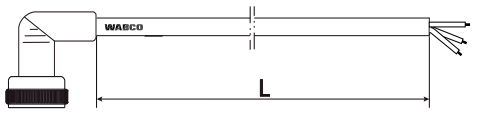
Part Number	L [m]	Cable ends type	
894 601 077 2	*12*	*Kostal socket M 24 x 1 3-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*

with open end



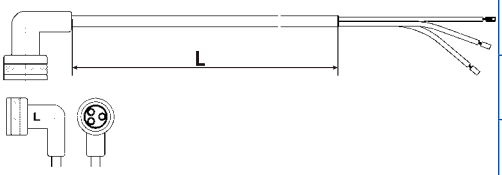
Part Number	L [m]	Cable ends type	
*894 601 180 2**	*9*	*Kostal socket M 24 x 1 3-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
*894 601 181 2**	*12*		

with open end



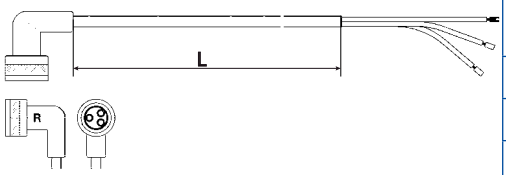
Part Number	L [m]	Cable ends type	
*894 601 015 2**	*0.9*	*Kostal socket M 24 x 1 3-pin*	*open 3-strand 3 x 1.5 mm²*
*894 601 243 2**	*6*		

with open end



Part Number	L [m]	Cable ends type	
449 523 090 0	*9*	*Kostal socket (left) M 24 x 1 3-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
*449 523 120 0**	*12*		

with open end

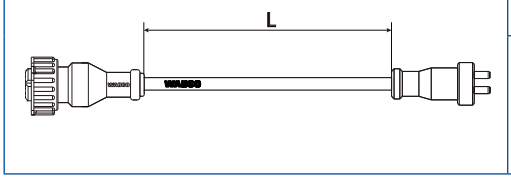


Part Number	L [m]	Cable ends type	
449 524 060 0	*6*	*Kostal socket (right) M 24 x 1 3-pin*	*open 3-strand with push-on contacts 3 x 1.5 mm²*
*449 524 090 0**	*9*		
*449 524 120 0**	*12*		

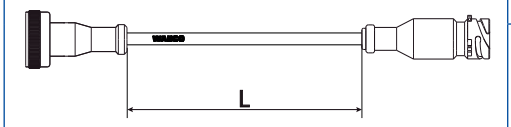
O

**Article not available*

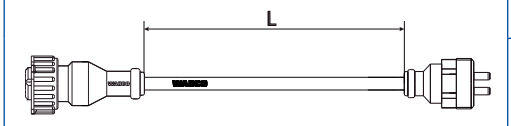
Adapter cable



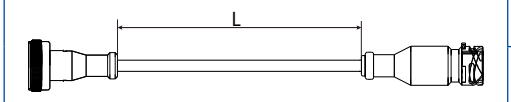
Part Number	L [m]	Cable ends type	
894 601 132 2	0.15	Bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin	Kostal plug M 24 x 1 3-pin



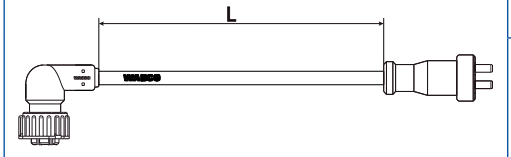
Part Number	L [m]	Cable ends type	
894 601 133 2	0.15	Kostal socket M 24 x 1 3-pin	Bayonet plug ISO 15170-B1-3.1-Sn/K1 3-pin



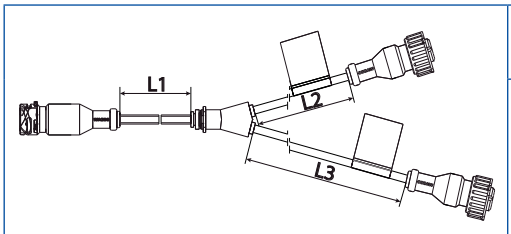
Part Number	L [m]	Cable ends type	
894 601 134 2	0.15	Bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin	Kostal plug M 27 x 1 2-pin



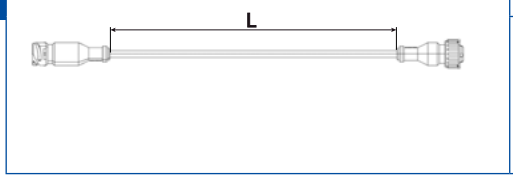
Part Number	L [m]	Cable ends type	
894 601 135 2	0.15	Kostal socket M 27 x 1 2-pin	Bayonet plug DIN 72585-B1-2.1-Sn/K1 4-pin



Part Number	L [m]	Cable ends type	
894 601 136 2	0.15	Bayonet socket DIN 72585-B1-3.1-Sn/K1 4-pin	Kostal plug M 24 x 1 3-pin



Part Number	L1 [m]	L2 [m]	L3 [m]	Cable ends type	
894 601 138 2	0.1	0.3	0.6	Bayonet plug ISO 72585-B2-4.1-Sn/K1 4-pin	Bayonet socket DIN 72585-A1-2.1-Sn/K1 + bayonet socket DIN 72585-B1-2.1-Sn/K1 4-pin

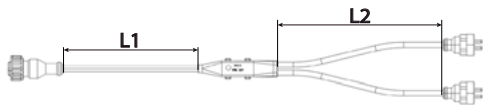


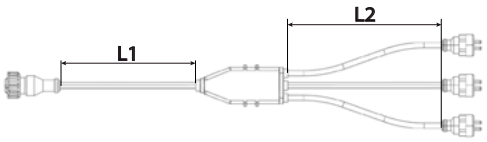
Part Number	L [m]	Cable ends type	
894 601 161 2	0.3	Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin	Bayonet plug ISO 15170-B1-4.1-Sn/K1 4-pin

O

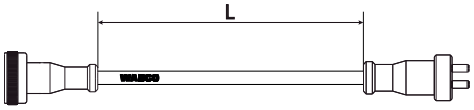
*Article not available

Solenoid valve cable

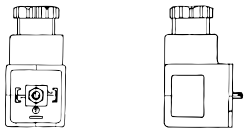
	Part Number	L1 [m]	L2 [m]	Cable ends type	
	*472 880 929 2*	*0.2*	*0.2*	*Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin*	*2x Kostal plug M27 x 1 2-pin*

	Part Number	L1 [m]	L2 [m]	Cable ends type	
	*472 880 928 2*	*0.2*	*0.2*	*Bayonet socket ISO 15170-B1-4.1-Sn/K1 4-pin*	*3x Kostal plug M27 x 1 2-pin*

	Part Number	L [m]	Cable ends type	
	472 880 931 2	*0.3*	*Bayonet plug ISO 15170-B1-3.2-Sn/K1 4-pin*	*Bayonet socket ISO 15170-B1-3.3-Sn/K1 4-pin*

	Part Number	L [m]	Cable ends type	
	*894 601 036 2**	*8*	*Kostal socket M 24 x 1 3-pin*	*Kostal plug M 24 x 1 3-pin*
	*894 601 144 2**	*6*		
	*894 601 149 2**	*2.3*		

Accessories, solenoid valves

Plug solenoid valve	
	**Part Number**
	894 100 030 2

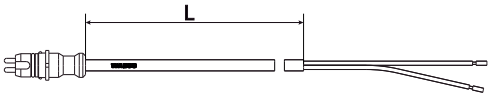
O

*Article not available

21 Sensor cable

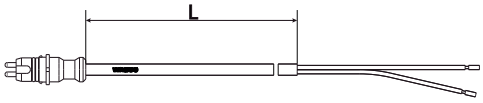
2-pin cable

with open end



Part Number	L [m]	Cable ends type	
449 711 005 0	*0.5*	*Sensor plug 2-pin*	*open 2-strand 2 x 0.75 mm²*
449 711 020 0	*2*		
449 711 030 0	*3*		
*449 711 035 0**	*3.5*		
449 711 050 0	*5*		
*449 711 055 0**	*5.5*		
449 711 060 0	*6*		
449 711 065 0	*6.5*		
449 711 080 0	*8*		
*449 711 090 0**	*9*		
449 711 100 0	*10*		
449 711 120 0	*12*		
449 711 150 0	*15*		
449 711 160 0	*16*		
449 711 200 0	*20*		

with open end



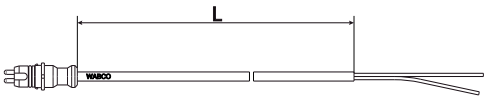
Part Number	L [m]	Cable ends type	
449 721 020 0	*2*	*Sensor plug 2-pin*	*open 2-strand 2 x 0.75 mm²*
449 721 030 0	*3*		
449 721 040 0	*4*		
449 721 050 0	*5*		
449 721 060 0	*6*		
449 721 080 0	*8*		
449 721 090 0	*9*		
449 721 100 0	*10*		
449 721 120 0	*12*		
449 721 180 0	*18*		

P

*Article not available

Sensor cable

with open end

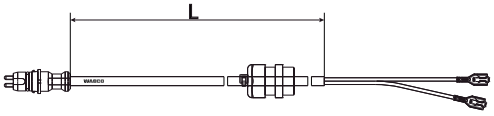


Part Number	L [m]	Cable ends type	
449 751 070 0	*7*	*Sensor plug 2-pin*	*open 2-strand 2 x 0.75 mm²*
449 751 122 0	*12.2*		
449 751 142 0	*14.2*		
*449 751 162 0**	*16.2*		
449 751 180 0	*18*		
449 751 300 0	*30*		
449 751 590 0	*59*		
449 751 900 0	*90*		

with open end

Part Number	L [m]	Cable ends type	
894 590 057 2	*1.5*	*Sensor plug 2-pin*	*open 2-strand with push-on contacts 2 x 0.75 mm²*
*894 590 058 2**	*3*		
894 590 059 2	*5*		
*894 590 060 2**	*6.5*		
894 590 061 2	*8*		
894 590 062 2	*10*		
894 590 063 2	*12*		
*894 590 064 2**	*15*		

with open end (replacement for 894 590 XXX 2)



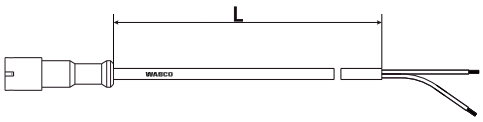
Part Number	L [m]	Cable ends type	
449 715 015 0	*1.5*	*Sensor plug 2-pin*	*open 2-strand with push-on contacts and PG screw connection 2 x 0.75 mm²*
*449 715 020 0**	*2*		
449 715 030 0	*3*		
449 715 050 0	*5*		
449 715 065 0	*6.5*		
449 715 080 0	*8*		
449 715 100 0	*10*		
449 715 120 0	*12*		
449 715 150 0	*15*		

P

**Article not available*

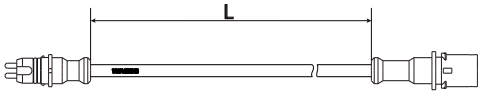
Sensor cable

with open end



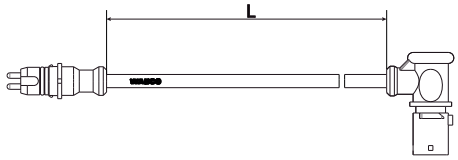
Part Number	L [m]	Cable ends type	
449 714 010 0	*1*	*Sensor socket 2-pin*	*open 2-strand 2 x 0.75 mm²*
449 714 028 0	*2.8*		
449 714 047 0	*4.7*		
449 714 061 0	*6.1*		
449 714 075 0	*7.5*		
449 714 087 0	*8.7*		
449 714 100 0	*10*		
449 714 130 0	*13*		

Extension cable (replacement for 894 590 XXX 2)



Part Number	L [m]	Cable ends type	
449 712 008 0	*0.8*	*Sensor plug 2-pin*	*Sensor socket 2-pin*
449 712 012 0	*1.2*		
449 712 018 0	*1.8*		
449 712 023 0	*2.3*		
449 712 030 0	*3*		
449 712 035 0	*3.5*		
449 712 038 0	*3.8*		
449 712 040 0	*4*		
449 712 051 0	*5.1*		
449 712 060 0	*6*		
449 712 064 0	*6.4*		
449 712 070 0	*7*		
449 712 080 0	*8*		
449 712 090 0	*9*		
449 712 100 0	*10*		
449 712 120 0	*12*		
449 712 130 0	*13*		
449 712 150 0	*15*		
*449 712 200 0**	*20*		

Extension cable

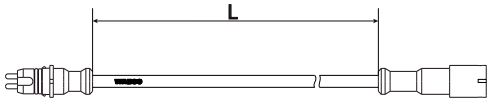


Part Number	L [m]	Cable ends type	
449 713 018 0	*1.8*	*Sensor plug 2-pin*	*Sensor socket 2-pin*
449 713 030 0	*3*		

P

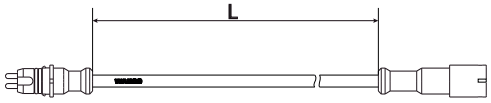
**Article not available*

Extension cable



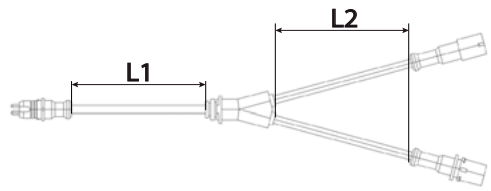
Part Number	L [m]	Cable ends type	
*449 755 010 0**	*1*	*Sensor plug 2-pin*	*Sensor socket 2-pin*
449 755 019 0	*1.9*		
449 755 023 0	*2.3*		
449 755 025 0	*2.5*		
449 755 029 0	*2.9*		

Extension cable



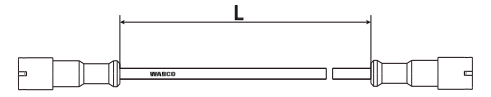
Part Number	L [m]	Cable ends type	
449 757 020 0	*2*	*Sensor plug orange 2-pin*	*Sensor socket orange 2-pin*
449 757 022 0	*2.2*		
449 757 025 0	*2.5*		
449 757 027 0	*2.7*		

Y distributor



Part Number	L1 [m]	L2 [m]	Cable ends type	
894 590 075 0	*0.1*	*0.15*	*Sensor plug 2-pin*	*2x sensor socket 2-pin*

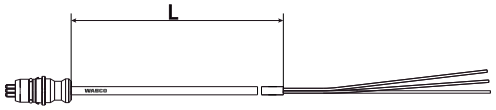
Adapter cable



Part Number	L [m]	Cable ends type	
*894 590 078 0**	*2.5*	*Sensor socket 2-pin*	*Sensor socket 2-pin*
*894 590 079 0**	*2.5*	*Sensor socket orange 2-pin*	*Sensor socket orange 2-pin*

3-pin cable

with open end

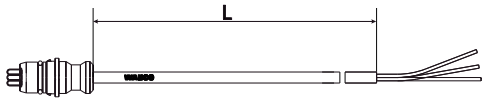


Part Number	L [m]	Cable ends type	
449 716 008 0	*0.8*	*Sensor plug 3-pin*	*open 3-strand 3 x 0.6 mm²*

P

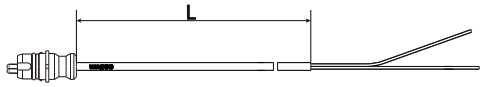
*Article not available

with open end



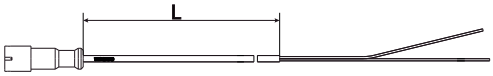
Part Number	L [m]	Cable ends type	
449 718 005 0	*0.5*	*Sensor plug 3-pin*	*open 3-strand 3 x 0.5 mm²*
449 718 020 0	*2*		
449 718 025 0	*2.5*		
449 718 050 0	*5*		
449 718 060 0	*6*		
449 718 150 0	*15*		
449 718 160 0	*16*		
449 718 180 0	*18*		

with open end



Part Number	L [m]	Cable ends type	
449 728 040 0	*4*	*Sensor plug 3-pin*	*open 2-strand 2 x 0.6 mm²*
*449 728 065 0**	*6.5*		

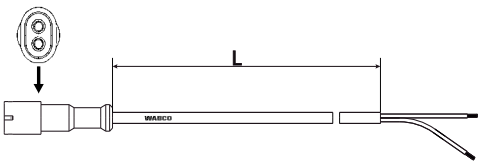
with open end



Part Number	L [m]	Cable ends type	
449 729 040 0	*0.4*	*Sensor socket 3-pin*	*open 2-strand 2 x 0.6 mm²*
*449 729 065 0**	*6.5*		

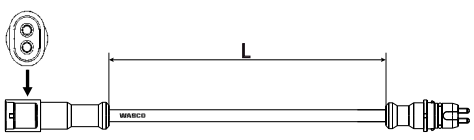
2-pin cable (oval connector)

with open end



Part Number	L [m]	Cable ends type	
*894 590 019 2**	*13*	*Sensor socket (oval) 2-pin*	*open 2-strand 2 x 0.75 mm²*
*894 590 020 2**	*10*		
*894 590 021 2**	*8.7*		
*894 590 022 2**	*6.1*		
*894 590 023 2**	*4.7*		
*894 590 024 2**	*2.8*		
*894 590 163 2**	*7.5*		

Adapter cable



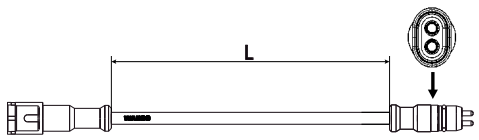
Part Number	L [m]	Cable ends type	
*894 590 080 0**	*1.5*	*Sensor socket (oval) 2-pin*	*Sensor plug 2-pin*

P

*Article not available

Sensor cable

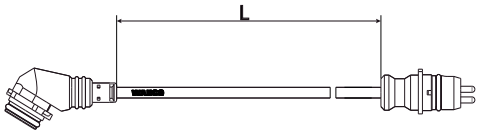
Adapter cable



Part Number	L [m]	Cable ends type	
894 590 081 0	*1.5*	*Sensor socket 2-pin*	*Sensor plug (oval) 2-pin*

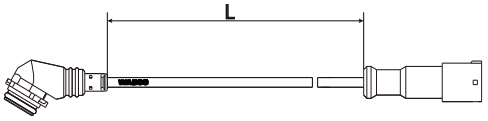
BV cable

with sensor plug (2 pins assigned)



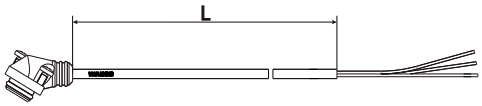
Part Number	L [m]	Cable ends type	
449 726 015 0	*1.5*	*Socket BVA 3-pin*	*Sensor plug 3-pin*
449 726 023 0	*2.3*		

with sensor socket (2 pins assigned)



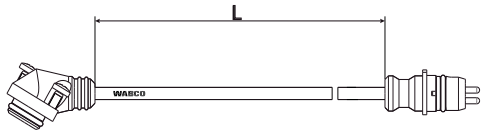
Part Number	L [m]	Cable ends type	
449 725 015 0	*1.5*	*Socket BVA 3-pin*	*Sensor socket 3-pin*
449 725 022 0	*2.2*		

with open end



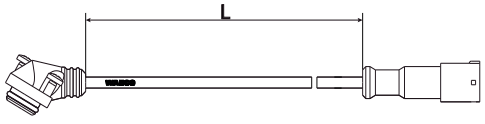
Part Number	L [m]	Cable ends type	
449 753 012 0	*1.2*	*Socket BVA 3-pin*	*open 3-strand 3 x 0.6 mm²*
449 753 025 0	*2.5*		
449 753 055 0	*5.5*		
449 753 100 0	*10*		
449 753 200 0	*20*		

with sensor plug



Part Number	L [m]	Cable ends type	
*449 736 015 0**	*1.5*	*Socket BVA 3-pin*	*Sensor plug 3-pin*
*449 736 023 0**	*2.3*		

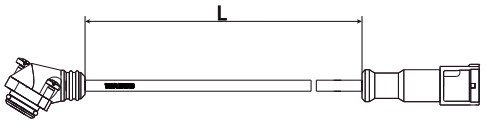
with sensor socket

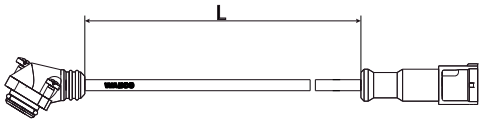


Part Number	L [m]	Cable ends type	
449 739 022 0	*2.2*	*Socket BVA 3-pin*	*Sensor socket 3-pin*

P

**Article not available*

with sensor socket				
	**Part Number**	**L [m]**	**Cable ends type**	
	*449 754 017 0**	*1.7*	*Socket BVA 3-pin*	*Sensor socket 3-pin*
	449 754 035 0	*3.5*		

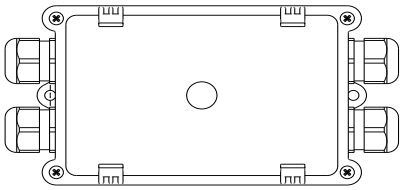
with sensor socket				
	**Part Number**	**L [m]**	**Cable ends type**	
	*449 756 004 0**	*0.4*	*Socket BVA 3-pin*	*Sensor socket 3-pin*
	449 756 007 0	*0.7*		
	449 756 013 0	*1.3*		
	449 756 015 0	*1.5*		
	449 756 017 0	*1.7*		
	449 756 022 0	*2.2*		
	*449 756 023 0**	*2.3*		
	449 756 035 0	*3.5*		

P

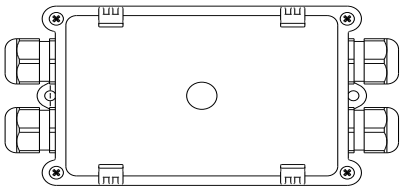
**Article not available*

22 Miscellaneous

Distribution box



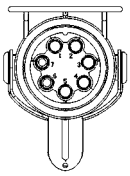
Part Number	Design
446 010 092 2	*4x PG 16 for cable Ø 10 mm - 14 mm*

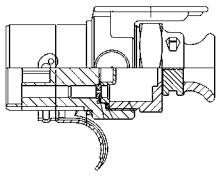


Part Number	Design
446 122 633 0	*4x M20 x 1.5 mm* *10 flat connector 3.6 x 0.8 mm*

Connector

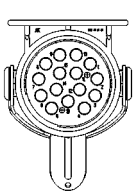
for drawbar trailers with ABS or EBS 7-pin

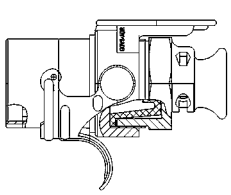




Part Number	Design
446 008 360 2	*24 V connector* *for cable Ø 14.5 - Ø 15.5 (2 x 6 mm² / 3 x 1.5 mm²)*
446 008 371 2	*24 V connector* *for cable Ø 10 - Ø 14 (2 x 6 mm² / 3 x 1.5 mm²)*
446 008 390 2	*24 V connector* *for cable Ø 7 - Ø 12 (2 x 6 mm² / 3 x 1.5 mm²)*
446 008 391 2	*24 V connector* *for cable Ø 10 - Ø 14 (2 x 4 mm² / 3 x 1.5 mm²)*
446 008 395 2	*12 V connector* *for cable Ø 7 - Ø 12 (2 x 4 mm² / 3 x 1.5 mm²)*
446 008 396 2	*12 V connector* *for cable Ø 10 - Ø 14 (2 x 6 mm² / 3 x 1.5 mm²)*
446 008 414 2	*24 V connector EBS* *for cable Ø 10 - Ø 14 (2 x 4 mm² / 5 x 1.5 mm²)*

for drawbar trailers 15-pin





Part Number	Design
446 008 421 2	*24 V socket* *2 x 2.5 mm² / 12 x 1.5mm²*

Q

*Article not available

ABS plug with coiled cable to ISO 7638

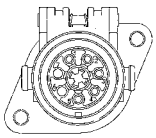
Part Number	Design
*446 008 233 0**	*24 V connector ABS 5-pin "Classic" max. working length: 2.5 m*
446 008 234 0	*24 V connector ABS 5-pin "Economy" max. working length: 2.5 m*
*446 008 237 0**	*12 V connector ABS 5-pin "Classic" max. working length: 2.5 m*
446 008 238 0	*12 V connector ABS 5-pin "Economy" max. working length: 2.5 m*
446 008 240 0	*24 V connector ABS 5-pin "Classic" max. working length: 3 m*
446 008 243 0	*24 V connector ABS / EBS 7-pin "Classic" max. working length: 3 m*
446 008 244 0	*24 V connector ABS / EBS 7-pin "Economy" max. working length: 3 m*

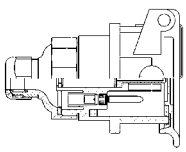
Coiled cable 15-pin ISO 12098

Part Number	Design
446 008 710 0	*24 V connector 15-pin 10 x 1.5 mm / 3 x 2.5 mm / 2 x 1.5 mm*

Socket

for semitrailers with ABS or EBS





Part Number	Design
446 008 361 2	*24 V socket for cable Ø 10 - Ø 14 (2 x 6 mm² / 3 x 1.5 mm²)*
446 008 380 2	*24 V socket for cable Ø 7 - Ø 12 (2 x 4 mm² / 3 x 1.5 mm²)*
446 008 381 2	*24 V socket for cable Ø 10 - Ø 14 (2 x 6 mm² / 3 x 1.5 mm²)*
446 008 385 2	*12 V socket for cable Ø 7 - Ø 12 (2 x 4 mm² / 3 x 1.5 mm²)*
446 008 386 2	*12 V socket for cable Ø 10 - Ø 14 (2 x 6 mm² / 3 x 1.5 mm²)*
446 008 404 2	*24 V socket EBS for cable Ø 10 - Ø 14 (2 x 4 mm² / 5 x 1.5 mm²)*

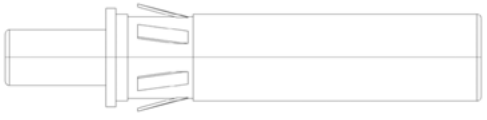
**Article not available*

for semitrailers 15-pin		
	Part Number	**Design**
	446 008 420 2	*24 V socket 2 x 2.5 mm² / 12 x 1.5mm²*

Parking receptacle

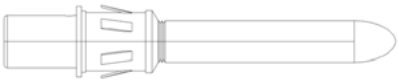
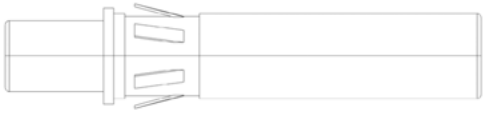
for ABS plug		
	Part Number	**Design**
	446 008 600 2	*ABS parking receptacle 24 V ISO 7638*
	446 008 605 2	*ABS parking receptacle 12 V ISO 7638*

Contact pin / sleeve

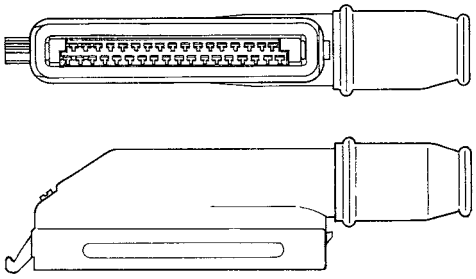
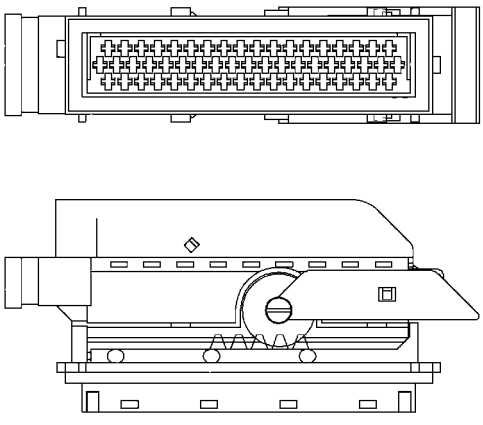
for ABS plug / socket		
	Part Number	**Design**
	446 008 310 4	*Contact pin 1.5 mm² for ISO 7638*
	446 008 315 4	*Contact bushing 1.5 mm² for ISO 7638*
	894 070 780 4	*Contact pin 4.0 mm² for ISO 7638*
	*894 070 781 4*	*Contact bushing 4.0 mm² for ISO 7638*

Q

**Article not available*

for ABS plug / socket		
	*446 008 311 4*	*Contact pin 6.0 mm² for ISO 7638*
	*446 008 316 4*	*Contact bushing 6.0 mm² for ISO 7638*

Spring contact plug

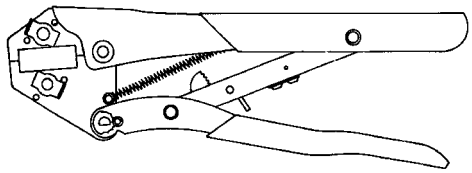
for ABS plug	Part Number	Design
	*446 009 001 2*	*Connector 35-pin 4-channel*
	*446 009 008 2*	*Connector 54-pin 6-channel*

Q

**Article not available*

Tools for ABS

Crimping tool for matrices

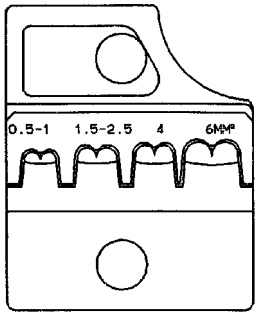


Part Number	Design
446 008 901 2	*Recommended for particularly frequent crimping of bushings/pins in the ISO 7638 coupling.*

Ejector for ISO 7638

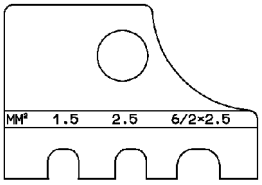
Part Number	Design
884 026 261 4	*Ejector for ISO 7638*
884 026 263 4	*Mounting sleeve*
884 026 262 4	*Dismounting sleeve*

Matrix for tab receptacle with locking shackle



Part Number	Design		*Crimping recess no. in the matrix*
446 008 902 2	*894 070 704 4*	*0.5 - 1.0 mm²*	*1*
	894 070 705 4	*1.5 - 2.5 mm²*	*2*
	894 070 707 4	*6.0 mm²*	*3*

Matrix for ABS power supply

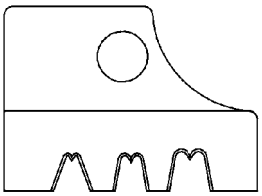


Part Number	Design		*Crimping recess no. in the matrix*
446 008 903 2	*Plug / socket*		
	446 008 310 4	*1.5 mm²*	*1*
	446 008 311 4	*6.0 mm²*	*2*
	446 008 315 4	*1.5 mm²*	*3*
	446 008 316 4	*6.0 mm²*	*4*

Q

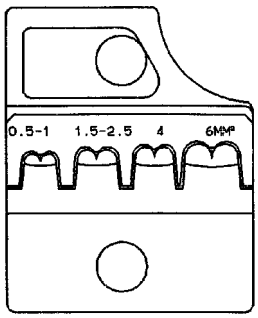
**Article not available*

Matrix for spring contact



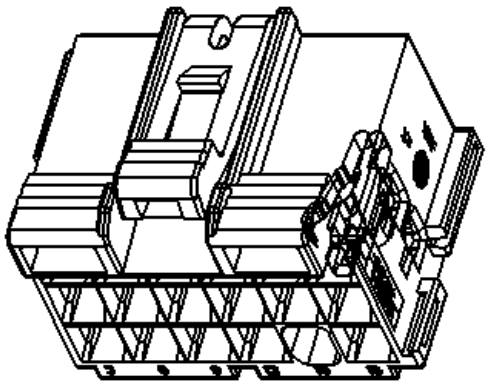
Part Number	Design	Crimping recess no. in the matrix
*446 008 906 2**	*in 35-pin plug, B / C ECU*	
	894 510 297 4 1.5 mm²	*1*
	894 510 298 4 2.5 mm²	*2*
	for remote control unit	
	894 511 346 4 0.5 mm²	*1*
	894 070 666 4 1.0 mm²	*1*
	in 54-pin electronic plug	
	894 070 712 4 1.0 mm²	*1*
	894 070 713 4 2.5 mm²	*2*
	for AMP plug enclosure	
	894 070 734 4 0.5 mm² - 1.0 mm²	*1*
	894 070 829 4 2.5 mm² - 2.5 mm²	*2*
	894 070 831 4 1.0 mm² - 2.5 mm²	*1*

Matrix for info module



Part Number	Design	Crimping recess no. in the matrix
446 008 902 2	*Tab receptacle for locking shackle*	
	811 540 008 4 2.8 mm² - 1.5 mm²	*1*

AMP plug enclosure

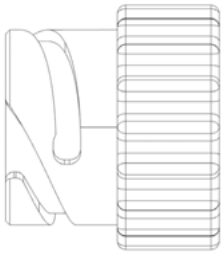


Part Number	Coding	No. of pins:	Disconnection sensing
894 110 088 2	*A - D*	*17*	*yes*
894 110 091 4	*B - C*	*18*	*no*
894 110 092 4	*B - C*	*15*	*no*
894 110 093 4	*B - C*	*12*	*no*
894 110 094 4	*B - C*	*9*	*no*
894 110 095 4	*B - C*	*6*	*no*
894 110 110 2	*A - D*	*14*	*yes*

**Article not available*

Protection cap

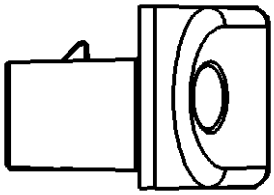
for DIN bayonet



Part Number	Design
898 020 456 4	*2-pin* *3-pin* *4-pin*

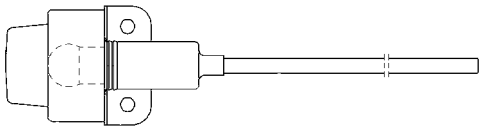
Safety lamps

LED ABS warning lamp (in conjunction with cable 449 900 100 0)



Part Number	Design
446 105 523 2	*green* *external*

Signal light



Part Number	Design
446 105 537 2	*green* *exterior* *complete with cable:* *10 m* *2-strand (0.75 mm²)*

Q

**Article not available*

23 WABCO regional offices

 Head office WABCO Europe BVBA Chaussée de la Hulpe 166 1170 Brüssel Belgium T: +32 2 663 9800 F: +32 2 663 9896	 WABCO Belgium BVBA/SPRL 't Hofveld 6 B1-3 1702 Groot-Bijgaarden Belgium T: +32 2 481 09 00	 WABCO Austria GesmbH Rappachgasse 42 Wien 1110 Austria T: +43 1 680 700
 WABCO GmbH Am Lindener Hafen 21 30453 Hannover Germany T: +49 511 9220	 WABCO GmbH Gartenstraße 1 Gronau 31028 Germany T: +49 511 922 3000	 WABCO Radbremsen GmbH Bärlochweg 25 Mannheim 68229 Germany T: +49 621 48310
 WABCO brzdy k vozidlům spol. s r.o. Sourcing & Purchasing Office U Trezorky 921/2 Prague 5 Jinonice 158 00 Prag Czech Republic T: +420 226 207 010	 WABCO brzdy k vozidlům spol. s r.o. Pražákova 1008/69, Štýřice, 639 00 Brno Czech Republic T: +420 543 428 800	 WABCO Automotive BV Rhijnspoor 263 Capelle aan den IJssel (Rotterdam) 2901 LB Netherlands T: +31 10 288 86 00
 WABCO (Schweiz) GmbH Freiburgstraße 384, Postfach 29 Bern 3018 Switzerland T: +41 31 997 41 41	 WABCO International Sourcing & Purchasing Office Harmandere Mh. Dedepasa Cd. 24 Atlas Park B/5 Pendik, 34912 Istanbul Turkey T: +90 216 688 81 72 F: +90 216 688 38 26	 WABCO Sales Office Halide Edip Adivar Mh. Ciftecevizler Deresi Sok. 2/2 Akin Plaza, Sisli, 34382 Istanbul Turkey T: +90 212 314 20 00 F: +90 212 314 20 01
 WABCO France Carre Hausmann 1 cours de la Gondoire 77600 Jossigny France T: +33 801 802 227	 WABCO Automotive Italia S.r.L. Studio Tributario e Societario, Galleria San Federico 54 Torino, 10121 Italy T: +39 011 4010 411	 WABCO Polska Spólka Z Ograniczona Odpowiedzialnoscia ul. Ostrowskiego 34 53-238 Wroclaw Poland T: +48 71 78 21 888
 WABCO España S. L. U. Av de Castilla 33 San Fernando de Henares Madrid 28830 Spain T: +34 91 675 11 00	 WABCO Automotive AB Drakegatan 10, Box 188 SE 401 23 Gothenburg Sweden T: +46 31 57 88 00	 WABCO Automotive U.K. Ltd Unit A1 Grange Valley Grange Valley Road, Batley, W Yorkshire, England, WF17 6GH T: +44 (0)1924 595 400

WABCO regional offices

WABCO Australia Pty Ltd Unit 3, 8 Anzed Court Mulgrave, Victoria 3170 Australia T: +61 3 8541 7000 Hotline: 1300-4-WABCO	WABCO do Brasil Indústria e Comércio De Freios Ltda Rodovia Anhanguera, km 106 CEP 13180-901 Sumaré-SP Brazil T: +55 19 2117 4600 T: +55 19 2117 5800	WABCO Hong Kong Limited 14/F Lee Fund Centre 31 Wong Chuk Hang Road Hong Kong China T: +852 2594 9746
Asia Pacific Headquarters, WABCO (Shanghai) Mgmt Co. Ltd 29F & 30F, Building B, New Caohejing Intl Bus. Center 391 Guiping Rd, Xuhui Dist. Shanghai 200233, China PRC T: +86 21 3338 2000	WABCO (China) Co. Ltd. Jinan Shandong WABCO Automotive Products Co. Ltd. 1001 Shiji Av, Jinan Indust. Zone, Shandong 250104 China PRC T: +86 531 6232 8800	WABCO (China) Co. Ltd No. 917 Weihe Road, Economic & Tech. Dev. Zone Qingdao 266510 China PRC T: +86 532 8686 1000
WABCO (China) Co. Ltd Guangdong WABCO FUHUA Automobile Brake System Co. Ltd. Building E, No. 1 North, Santai Av, Taishan City Guangdong 529200 China PRC T: +86 750 5966 123	Shanghai G7 WABCO IOT Technology Co. Ltd Room 503,Liguo Building, No. 255 Wubao Road, Minhang Dist. Shanghai 201100 China PRC T: 021-64058562/826	China-US RH Sheppard Hubei Steering Systems Co. Ltd No. 18, Jingui Road, Xianning City Hubei 437000 China PRC
WABCO India Limited Plot No. 3 (SP), III Main Road Ambattur Industrial Estate Chennai 600 058 India T: +91 44 42242000	WABCO Japan Inc Gate City Ohsaki W. Tower 2F, 1-11-1, Osaki, Shinagawa-ku, Tokyo 141-0032 Japan T: +81 3 5435 5711	WABCO Korea Ltd 23, Cheongbuksandan-ro, Cheongbuk-eup Pyongtaek-si Gyeonggi-do, 17792 Korea T: +82 31 680 3707
WABCO Asia Private Ltd 25 International Business Park #03-68/69 German Centre 609916 Singapore T: +65 6562 9119	WABCO Automotive SA 10 Sunrock Close Sunnyrock Ext 2, Germison 1401 PO Box 4590, Edenvale 1610 South Africa T: +27 11 450 2052	WABCO Middle East and Africa FZCO Vehicle Control System DWC Business Park, Building A3, Room NO: 115, PO Box 61231, Dubai United Arab Emirates E-mail: info.dubai@wabco-auto.com

You can find information on WABCO products here: https://www.wabco-customercentre.com
Please contact your WABCO partner for further information.

ZF Friedrichshafen AG

ZF is a global technology company and supplies systems for passenger cars, commercial vehicles and industrial technology, enabling the next generation of mobility. ZF allows vehicles to see, think and act. In the four technology domains Vehicle Motion Control, Integrated Safety, Automated Driving, and Electric Mobility, ZF offers comprehensive solutions for established vehicle manufacturers and newly emerging transport and mobility service providers. ZF electrifies different kinds of vehicles. With its products, the company contributes to reducing emissions and protecting the climate.
ZF, which acquired WABCO Holdings Inc. on May 29, 2020, now has 162,000 employees worldwide with approximately 260 locations in 41 countries. In 2019, the two then-independent companies achieved sales of €36.5 billion (ZF) and $3.4 billion (WABCO).
With the integration of WABCO, the leading global supplier of braking control systems and other advanced technologies that improve the safety, efficiency and connectivity of commercial vehicles ZF will create a new level of capability to pioneer the next generation of solutions and services for original equipment manufacturers and fleets globally. WABCO, with almost 12,000 people in 40 locations worldwide, will now operate under the ZF brand as its new Commercial Vehicle Control Systems division.

ACE AUTONOMOUS CONNECTED ELECTRIC

WABCO

WABCO