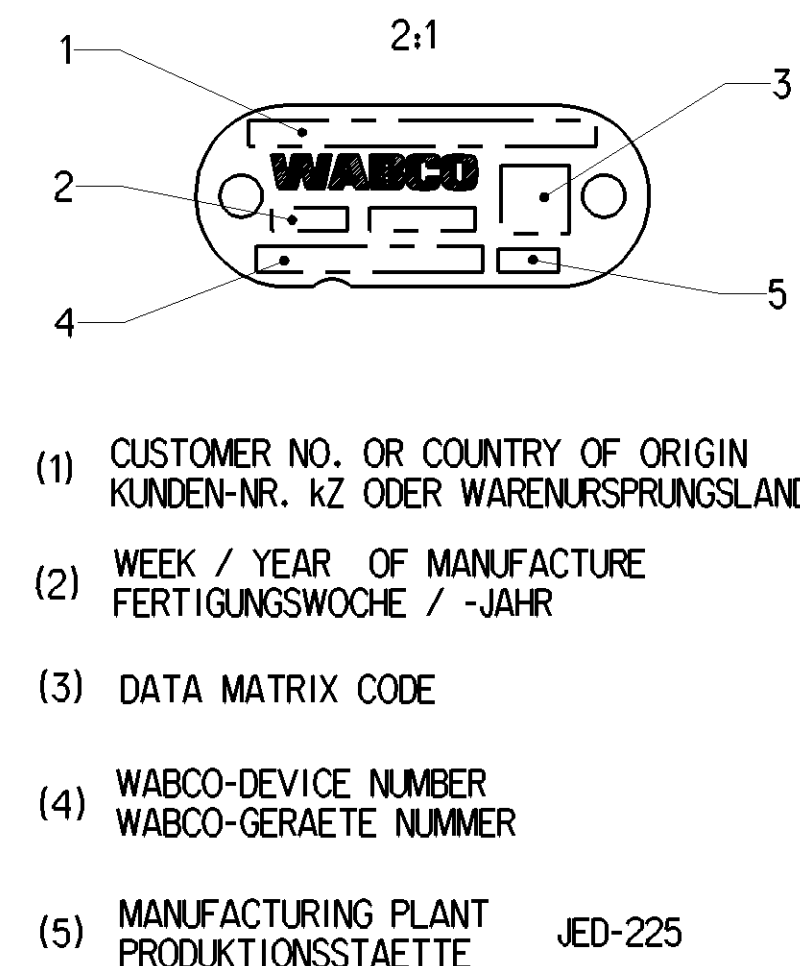
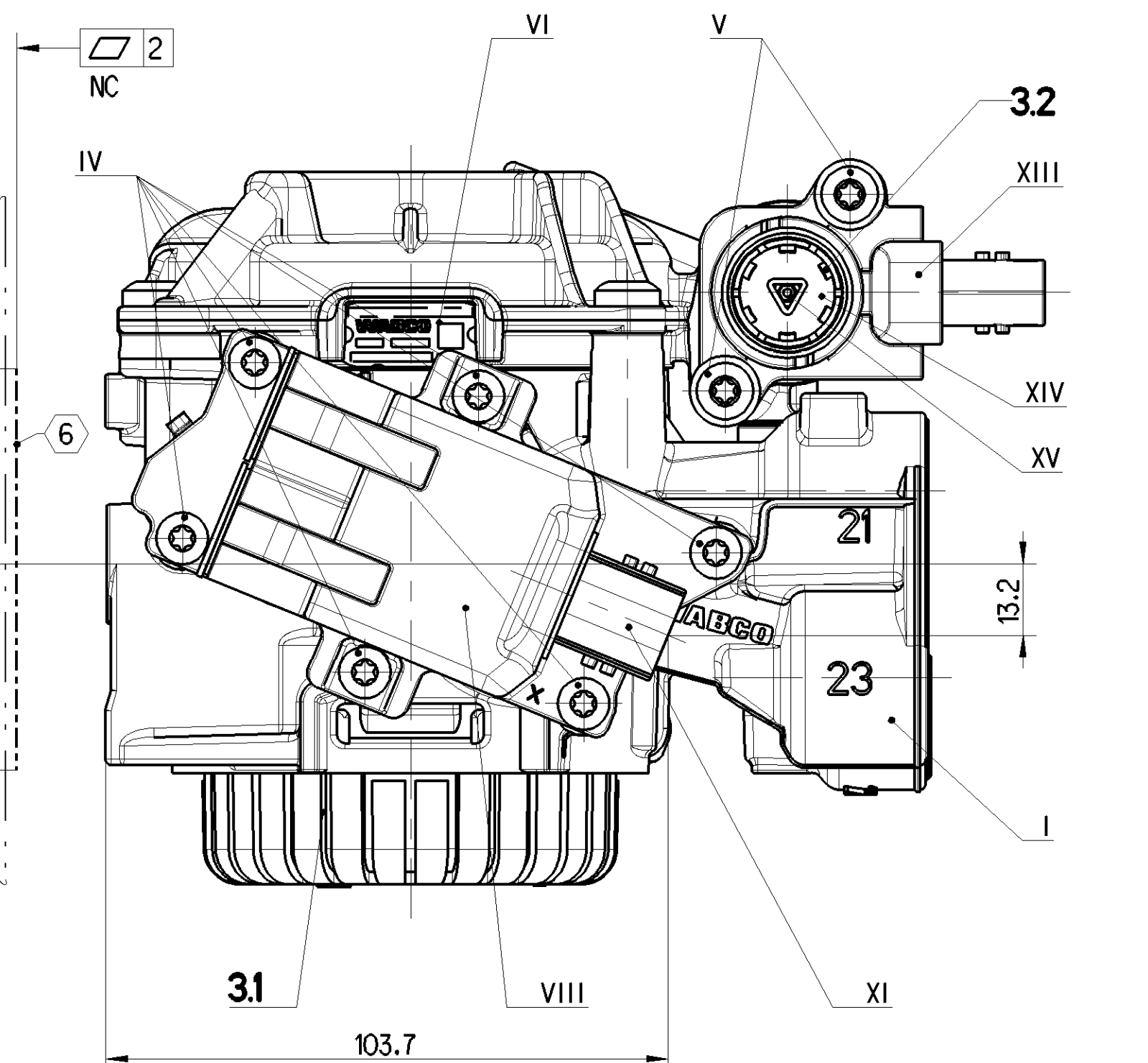




Port	Designation	Thread
1	Supply Port	1/2-14 Dry Seal NPTF / JED-686
21 - 24	Delivery Ports	1/2-14 Dry Seal NPTF / JED-686
25	Unmodulated Delivery Port	3/8-18 Dry Seal NPTF / JED-686
(26)	Unmodulated Delivery Port	Closed (Unmachined)
3.1	Exhaust Relay Valve + ABS	-
3.2	Exhaust 3/2 solenoid valve	-
4	Control Port	3/8-18 Dry Seal NPTF / JED-686

Unit	Electrical Port	Function
ABS CONNECTOR LEFT X1	X1.1	Ground
	X1.2	Inlet
	X1.3	Outlet
ABS CONNECTOR RIGHT X2	X2.1	Ground
	X2.2	Inlet
	X2.3	Outlet
3/2 SOLENOID VALVE CONNECTOR X3	X3.1	Ground
	X3.3	Inlet

	Material		Surface Protection	
I	Alu	JED-029-M1	Passivation	JED-259-1
II	Alu	JED-029-M1	Passivation	JED-259-1
III	Steel	JED-051-M4	ZnNi	JED-739-3
IV	Steel	JED-051-M4	ZnNi	JED-739-3
V	Steel	JED-051-M4	ZnNi	JED-739-3
VI	Alu	JED-077-1	Anodic Oxidation	JED-007-1
VII	CuSn6	JED-067-M4	Sn	JED-594-3
VIII	PA 6.6 GF30	JED-534-5	Black/Schwarz	-
IX	PA 6.6 GF25	Blue laser transparent	-	-
X	PA 6T / 61 GF50	JED-775-7	Black/Schwarz	-
XI	PA6 GF30	JED-426-1	X1:Black/Schwarz	X2:Grey/Grau
XII	CuZn / Sn	JED-570-616	Galv. Cu/Sn	-
XIII	PA 6.6 GF35	JED-359-1	Black/Schwarz	-
XIV	PA 6.6	JED-354-1	Black/Schwarz	-
XV	PA 6.6 GF25	JED-483-3	Black/Schwarz	-
XVI	Steel	JED-058-M0	-	-
XVII	PA 6.6	JED-354-1	Black/Schwarz	-

ABS CONNECTOR (X1)

CONNECTOR ACCORDING TO INTERFACE DRAWING: 858 000 852 4
STECKER GEMAESS SCHNITTSTELLENZEICHNUNG: DOC-Code 007, Rev. "D"

TYCO-INTERFACE DRAWING: C-114-18739-1
TYCO-AUSFUEHRUNGSVORSCHRIFT: Rev. "D1"

CODING: TYCO HDSCS 3x2.8 CODING A
KODIERUNG:

MATING CONNECTOR: 1-1418390-1
GEGENSTECKER:

GEGENSTÄNDER:

ABS CONNECTOR (X2)

CONNECTOR ACCORDING TO INTERFACE DRAWING: 858 000 852 4
STECKER GEMAESS SCHNITTSTELLENZEICHNUNG: DOC-Code 007, Rev. "D"

TYCO-INTERFACE DRAWING: C-114-18739-1
TYCO-AUSFUEHRUNGSVORSCHRIFT: Rev. "D1"

CODING: TYCO HDSCS 3x2.8 CODING B
KODIERUNG:

MATING CONNECTOR:
GEGENSTECKER: 2-1418390-1

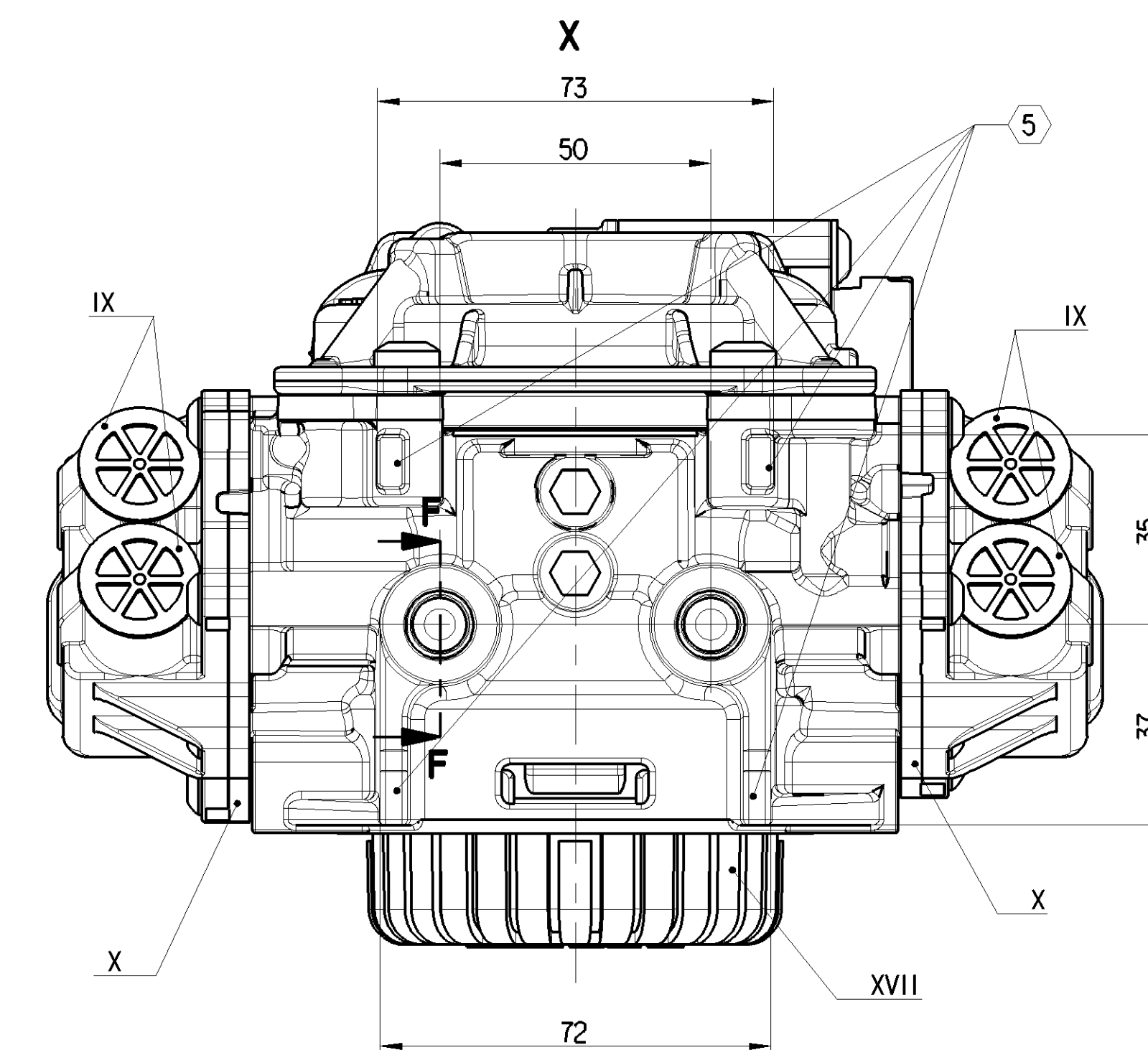
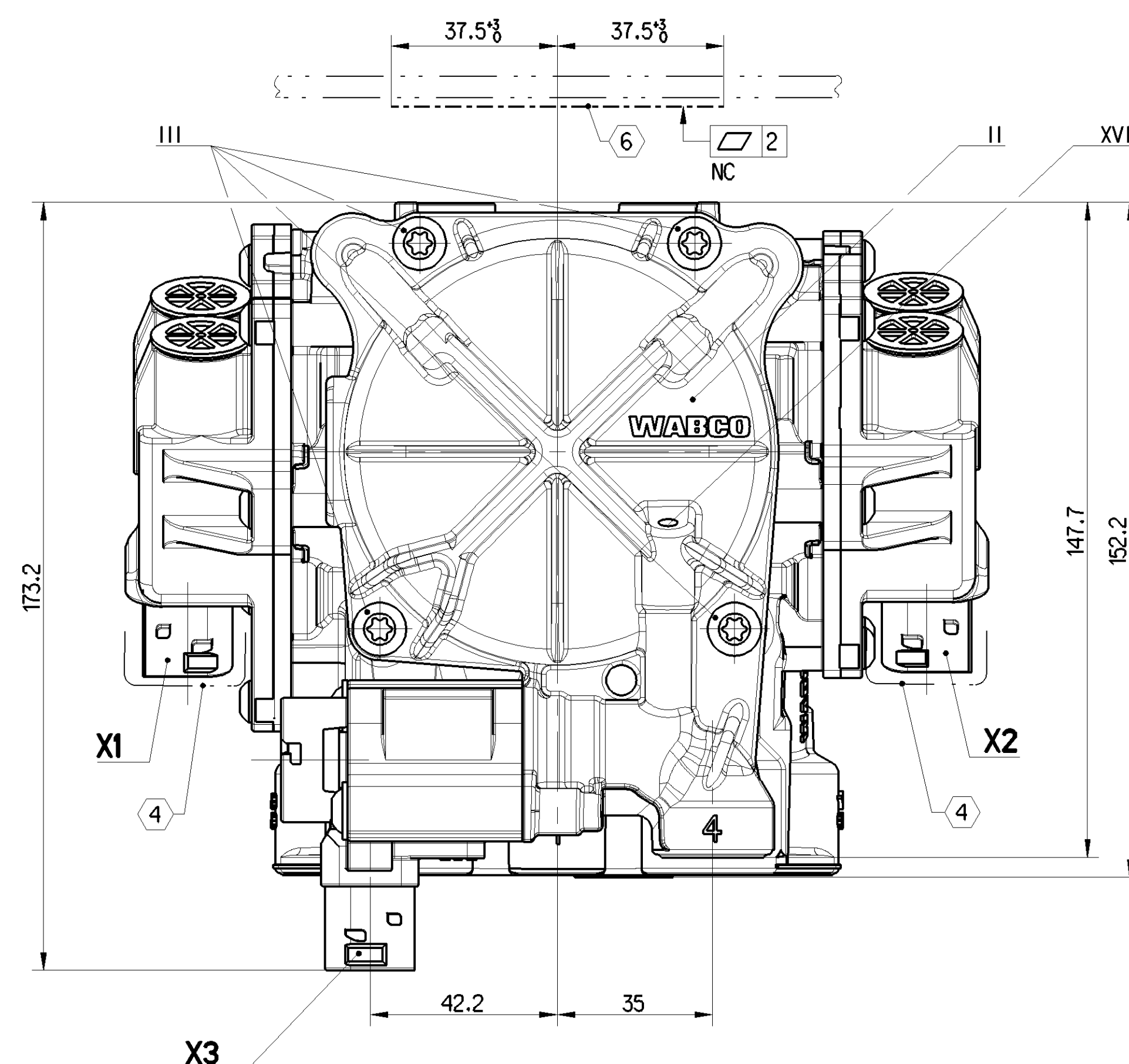
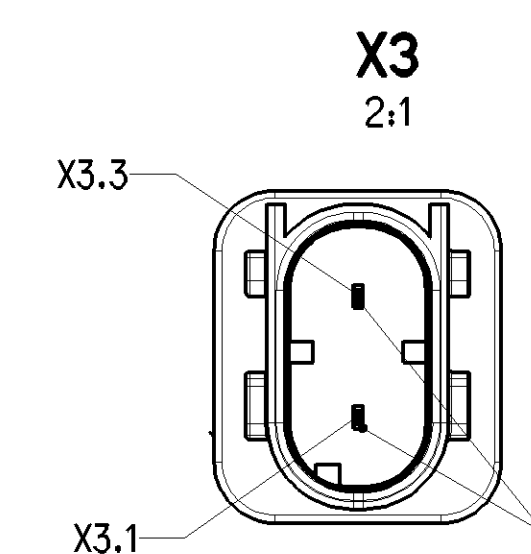
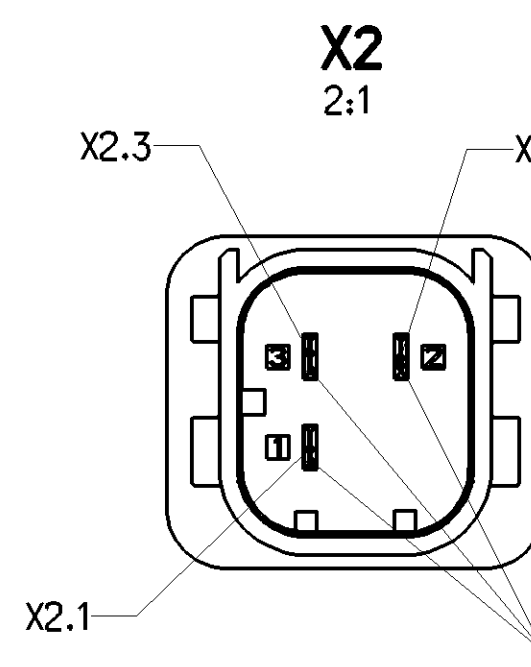
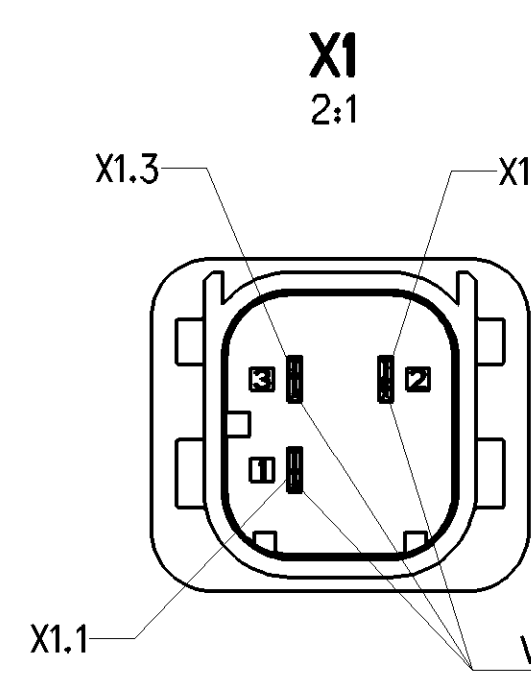
3/2 SOLENOID VALVE CONNECTOR (X3)

CONNECTOR ACCORDING TO INTERFACE DRAWING: 858 000 853 4
STECKER GEMAESS SCHNITTSTELLENZEICHNUNG: DOC-Code 007, Rev. "E"

TYCO-INTERFACE DRAWING: C-114-18743-
TYCO-AUSFUEHRUNGSVORSCHRIFT: Rev. "D1"

CODING: TYCO HDSCS 2x1.5 CODING A
KODIERUNG:

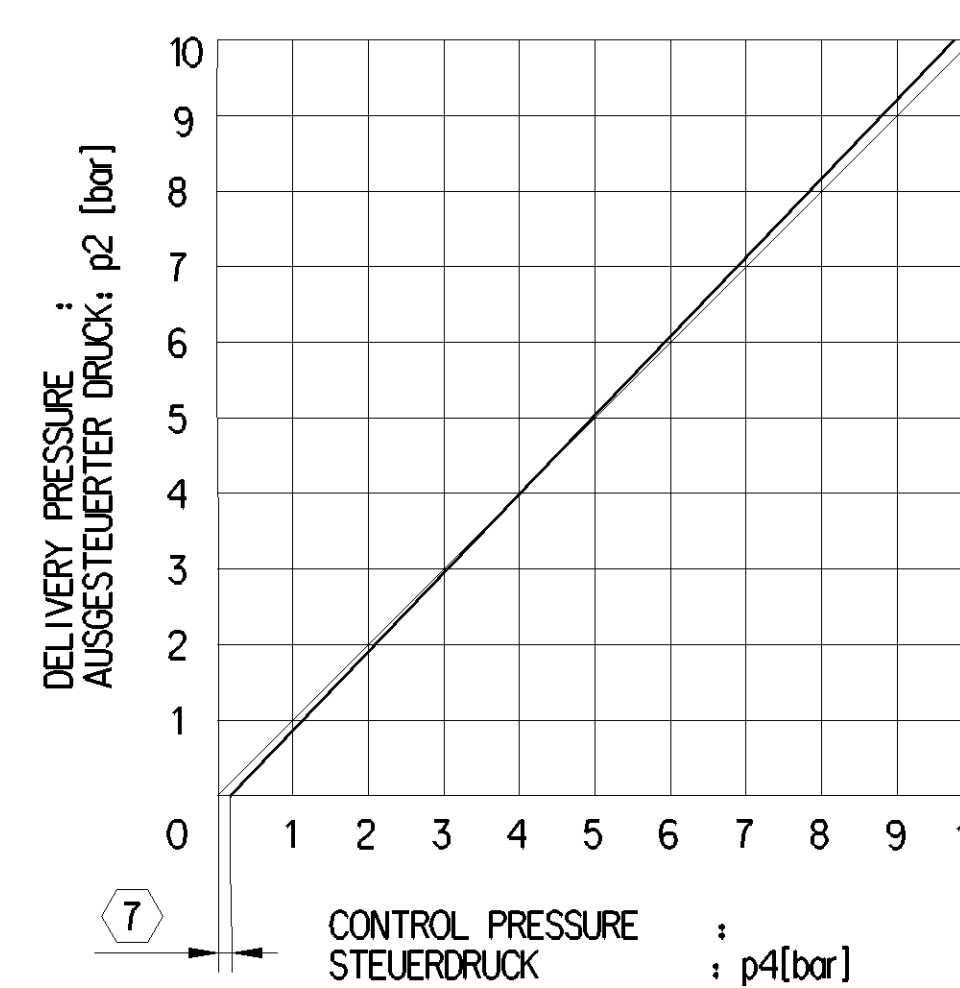
MATING CONNECTOR: 1-1418448-2
GEGENSTECKER:



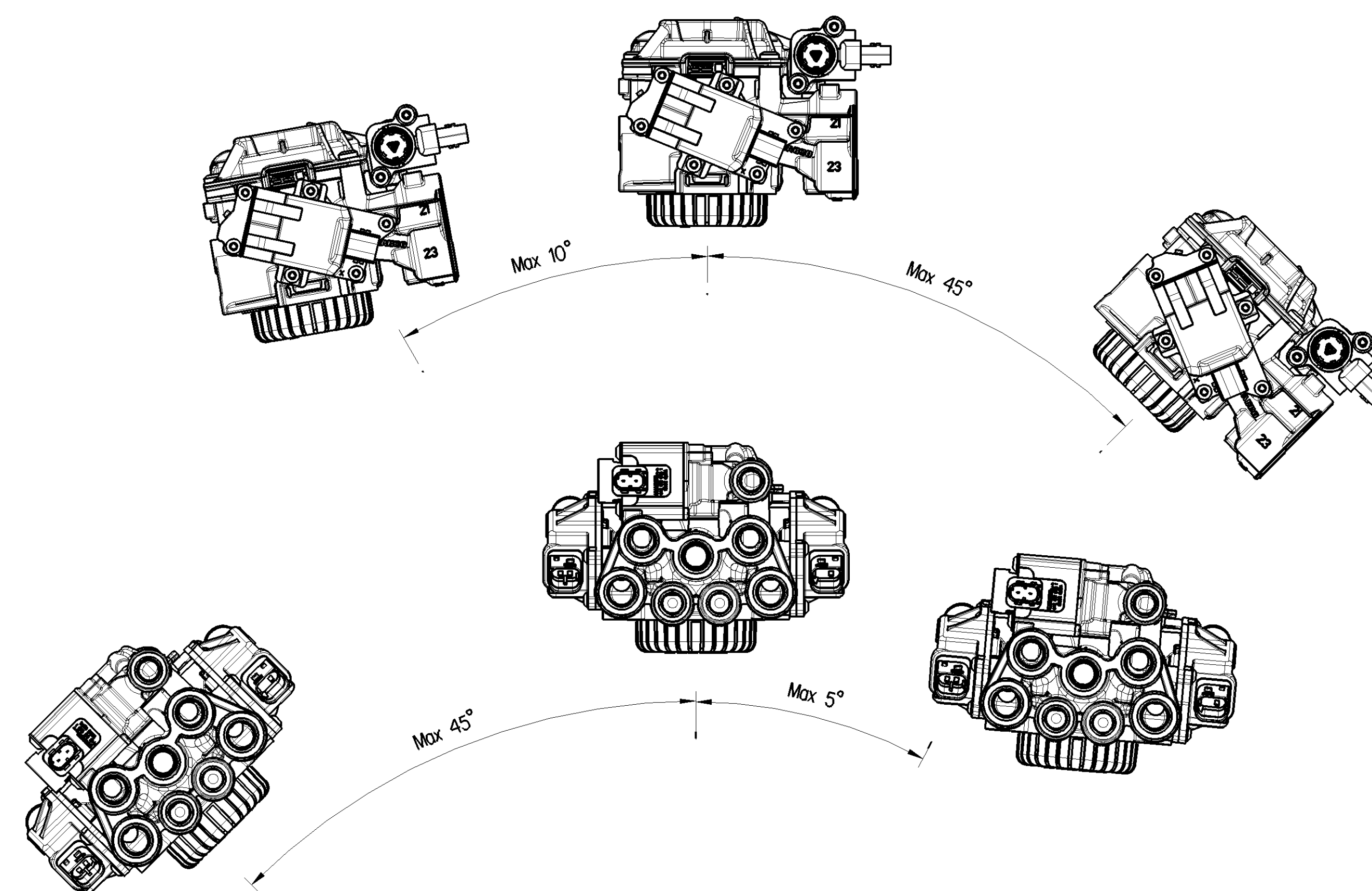
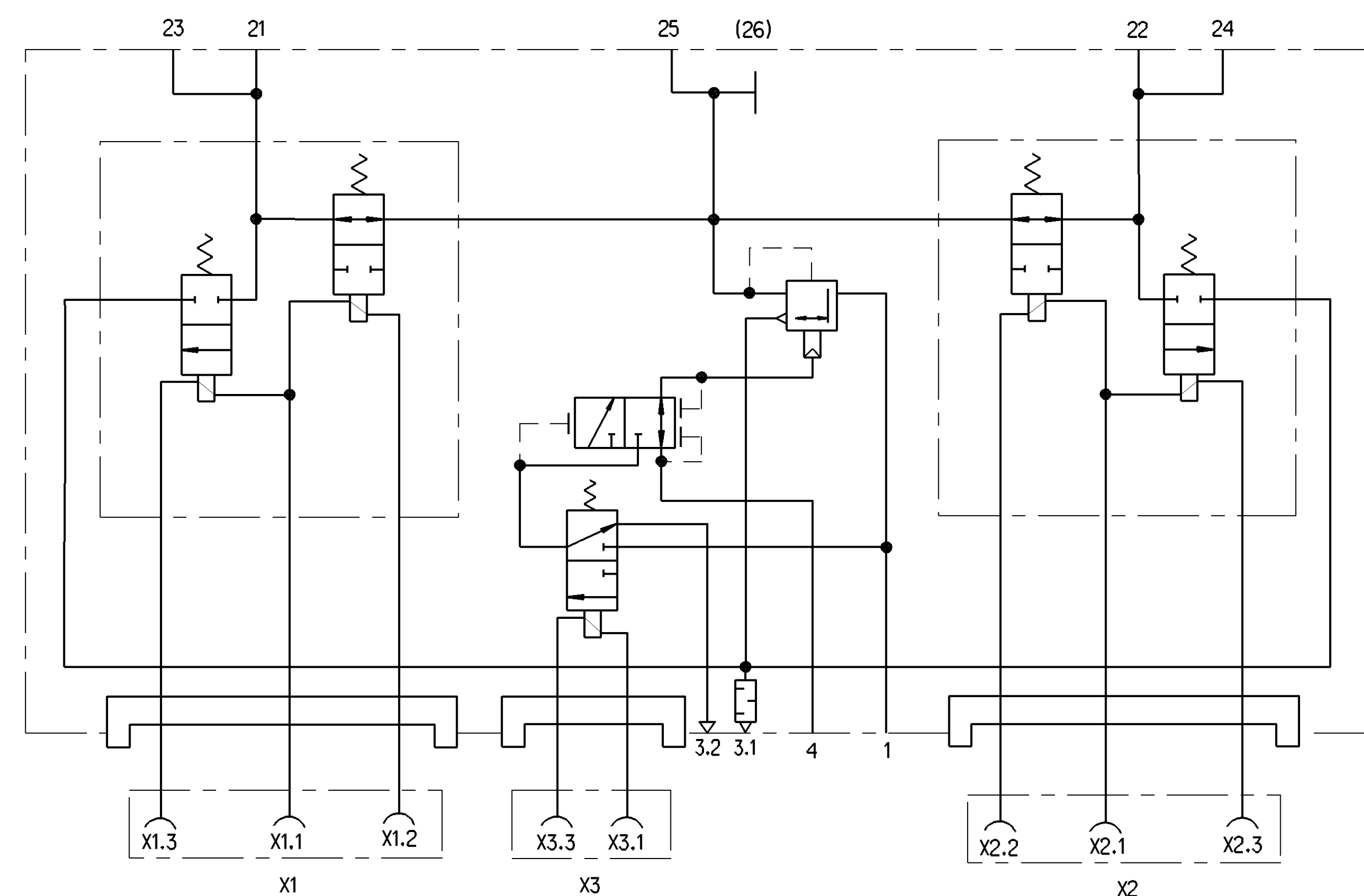
— . . . 4 COVER WHEN PAINTING ON THE VEHICLE
BEI LACKIERUNG IM FAHRZEUG ABDECKEN

DEVICE DESIGNED FOR INSTALLATION ON THE VEHICLE FRAME
GERÄT IST FÜR DEN RAHMENANBAU VORGESEHEN

- 5 CONTACT SURFACES DEVICE
ANLAGEFLÄCHEN GERÄT
- 6 CONTACT SURFACE CUSTOMER
ANLAGEFLÄCHE KUNDE



DEVICE NUMBER GERÄTE NUMMER	NOMINAL CRACK PRESSURE NENNANSPRECHDRUCK	7
976 000 107 0	5.5 psi (0.38 bar)	
976 000 112 0	4 psi (0.28 bar)	



PERMISSIBLE INSTALLATION POSITION
ZULAESSIGE EINBAULAGE

	①	②	③	M12 x 1,5
THREAD TYPE GEWINDETYP	3/8-18 - NTPF JED-686	1/2-14 - NTPF JED-686	TORQUE ANZUGSMOMENT	max. 110 Nm
PERMISSIBLE TORQUE ZULASSIGES ANZUGSMOMENT	max. 50 Nm	max. 70 Nm	REQUIRED LENGTH OF ENGAGEMENT ERFORDERLICHE EINSCHRAUBLÄNGE	min. 17 mm

General Specifications: 402-354-11, 402-350 74495 LP				Serial Number: 402-354-11		Date: 2007-07-06		Signature: 		 RELAY VALVE PACKAGE + ABS + 3/2 SOLENOID VALVE PACKAGE + ABS + 3/2 MAGNETIC VALVE PACKAGE + ABS + 3/2																																																																																																																																																																																																											
Further Technical Data: 976 000 120 O				Doc. Code: 000120		Date: 2007-07-06		Signature: 		RELAY VALVE PACKAGE + ABS + 3/2 SOLENOID VALVE PACKAGE + ABS + 3/2 MAGNETIC VALVE PACKAGE + ABS + 3/2																																																																																																																																																																																																											
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WORKING MEDIUM : COMPRESSED AIR (WATER, OIL AND ALCOHOL CONTAINING, SEE PRODUCT SPECIFICATION 976 000 120 0, DOC.CODE 035)
ARBEITSMEDIUM : DRUCKLUFT (WASSER, OEL- UND ALKOHOLHALTIG, SIEHE PRODUKTSPEZIFIKATION 976 000 120 0, DOC.-CODE 035)

AMBIENT ENVIRONMENT : AIR (CONTAINING WATER, SALT, DUST AND OIL)
UMGEBUNGSMEDIUM : LUFT (WASSER-, SALZ-, STAUB UND OELHALTIG)

THERMAL RANGE OF APPLICATION : -40°C ... +80°C (-40°F ... +176°F)
THERMISCHER ANWENDUNGSBEREICH : -40°C ... +80°C (-40°F ... +176°F)

SHORT TERM RESISTANCE TO HEAT (UNPRESSURIZED, CURRENTLESS, WITHOUT FUNCTION) : MAX. 1h AT 110°C (230°F) OR MAX. 2h AT 95°C (203°F)
KURZZEITIGE WAERMEBESTAENDIGKEIT (DRUCKLOS, STROMLOS, OHNE FUNKTION) : MAX. 1h AT 110°C (230°F) ODER MAX. 2h BEI 95°C (203°F)

NOMINAL WORKING PRESSURE (SUPPLY PRESSURE) : p_e = 8 - 11 bar (max. 11 bar)
NENNBETRIEBSDRUCK (VORRATSDRUCK) :

MAX. PERMISSIBLE WORKING PRESSURE (SUPPLY PRESSURE) : p_e = 15 bar : TEMPORARY WITHOUT FUNCTION (UNPRESSURISED, WITHOUT CURRENT, WITHOUT FUNCTION)
MAX. ZULAESSIGER BETRIEBSDRUCK (VORRATSDRUCK) : KURZZEITIG OHNE FUNKTION (DRUCKLOS, OHNE STROM, OHNE FUNKTION)

NOMINAL WORKING PRESSURE (CONTROL PRESSURE) : max. 10 bar
NENNBETRIEBSDRUCK (STEUERDRUCK) :

MAX. LEAKAGE: DURING PRESSURE MAINTENANCE OR WHILE NOT OPERATED, NEW DEVICE : $\geq -20^{\circ}\text{C} \dots +80^{\circ}\text{C}$ (-4°F...+176°F) : $\leq 16 \text{ cm}^3/\text{min.}$ (DIN1343)
MAX. LECKAGE: DRUCKHALTEND ODER UNBETAETIGT, NEUGERAET : $-40^{\circ}\text{C} \dots -20^{\circ}\text{C}$ (-40°F...-4°F) : $\leq 1500 \text{ cm}^3/\text{min.}$

PROTECTION CLASS ACC. TO : ISO 20653
SCHUTZKLASSE NACH :

TYPE OF PROTECTION : COMPLETE DEVICE WITH MOUNTED COUPLING : IP 6K6K , IP 6K9K
SCHUTZART : KOMPLETTES GERAET MIT MONTIERTER KUPPLUNG :

: ELECTRIC TERMINALS WITHOUT MOUNTED COUPLING : IP 6K7
: ELEKTRISCHE ANSCHLUESSE OHNE MONTIERTER KUPPLUNG :

SUPPORTED SYSTEM CONFIGURATION : 4S4M / 6S4M
UNTERSTUETZTE SYSTEMKONFIGURATION :

TENSION FREE MOUNTING OF THE LINES
SPANNUNGSFREIE MONTAGE DER LEITUNGEN

HANDLING, STORAGE, PACKAGING, PRESERVATION AND DELIVERY : 976 000 120 0, DOC.CODE 035
HANDHABUNG, LAGERUNG, VERPACKUNG, KONSERVIERUNG UND VERSAND :

FOR FURTHER TECHNICAL DATA SEE PRODUCT SPECIFICATION : 976 000 120 0, DOC.CODE 035
WEITERE TECHNISCHE DATEN SIEHE PRODUKTSPEZIFIKATION :

	ABS	ATC
NOMINAL VOLTAGE NENNSPANNUNG	12 V	12 V
NOMINAL CURRENT NENNSTROM	2.22 A AT 20°C	0.7 A AT 20°C
DUTY CYCLES EINSCHALTDAUER	AT 23°C / 12V - 75% / 5min AT +80°C / 14.4V - 20% / 5min	100% AT 10.5V - 15V & -40°C to +80°C 30% AT 9V / +60°C TO +80°C 80% AT 16V / +60°C TO +80°C

General Specification: JED-334-1 , Size ISO 14405 LP						Copyright WABCO®			WABCO										
Further Technical Data: 976 000 120 0						Date		Signature											
Doc. Code:			Sheet:		To		Drawn		RELAY VALVE PACKAGE + ABS + 3/2 SOLENOID VALVE RELAISVENTIL + ABS + 3/2 MAGNETVENTIL										
General Tolerances JED-261						2022-07-06		Mikosiak											
Range of Nominal Dimensions (± mm)						Checked													
Class 1)		≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400	2022-07-25		Toma											
						Expert													
						Toma													
Fine		0.5	1.0	1.5	2.0	Mass		Scale		Material No.		Date of first issue: 2015-05-18							
Medium		X 1.0	2.0	3.0	4.0	2.5 KG				976 000 120 0		Doc.Code Language Sheet							
Coarse		2.0	3.5	5.0	6.5							053 EN 2/2							
Tapped Holes acc.						Size		CAD System											
1) Tolerance Class Applied Crossmarked						A 2		CREO				ECN-No.		Revision		Techn. Resp.		Replacement for	
												510177		1 x E		6335		884 017 360 0	