

NOTES:
OPERATING VOLTAGE : 08-32 V DC
OPERATING TEMPERATURE : -40 TO +105 °C

1. ALL DIMENSIONS ARE IN mm
2. ALL DIMENSIONS ARE UPTO REAR END OF THE CONNECTOR AND CENTER OF THE EYE-LET TERMINAL UNLESS OTHERWISE SPECIFIED
3. ALL CONNECTORS VIEW SHOWN FROM WIRE ENTRY SIDE UNLESS OTHERWISE SPECIFIED
4. TWO CORE TWISTED CABLES OF -35mm(TWIST) WIRE SENSE CABLES. MATED TO WABCO WHEEL SPEED SENSOR, TOGETHER SEALING IP69K9K
5. NO POLARITY FOR WHEEL SPEED SENSOR CABLE COLORS OR CONNECTORS
6. MODULATOR VALVE CABLES. MATED TO WABCO MODULATOR VALVE. TOGETHER SEALING IP69K9K
7. SEE VIEW FOR MODULATOR VALVE WIRE ENTRY OR CONTACT POSITIONS CONNECTOR AS PER ISO 15170
7. CUSTOMER MATING CONNECTORS TO MEET THE MANUFACTURERS INTERFACE DIMENSIONS
8. FOR CONNECTORS AND CONTACTS MANUFACTURERS PRODUCT SPECIFICATION IS VALID
9. ALL GROUND WIRES FROM THE MODULATOR VALVE CABLES SHALL BE SPLICE JOINTED AND CONNECTED
10. PRINTED STICKER INDICATING CUSTOMER PART NUMBER SHALL BE PROVIDED AS PER LOCATION SHOWN.
CONTENTS OF THE LABEL AS PER DEVICE DOC:922
11. ALL THE CABLES SHALL BE COVERED WITH FIRE RETARDANT SLIT TYPE CORRUGATED TUBES (PPFR) OF BLACK COLOR.
CORRUGATED TUBES ARE SELECTED BASED ON BUNDLE DIAMETER / MANUFACTURING FEASIBILITY
12. FOR ALL DATA AS PER THE PRODUCT SPECIFICATION 494 011 000 0 (DOC 635)
13. FOR INSTALLATION RESTRICTIONS PLEASE REFER 449 000 000 0 (DOC 1111)
14. THE POWER SUPPLY LINES TO BE FUSED IN ACCORDANCE TO ISO/DIS 8920
CABLE DESIGN AND INSTALLATION HAS TO BE CARRIED OUT THAT NO ELECTROMAGNETIC INTERFERENCE OCCURS
HOT AIR TO BE DIVERTED AWAY FROM WIRING HARNESS SUITABLY
CONNECTOR INSTALLATION / PARKING NOT ALLOWED ON WHEEL COVER / ARCH
14. SPLIT JOINTS / BRANCH NOSES- BLACK COLOUR PVC AND COTTON INSULATION TAPES SHALL BE USED,
DO 2-3 TURNS OF BLACK COLOUR PVC TAPING AT COT ENDS AND TIGHT TAPING ON SLIT PORTION OF CORRUGATED TUBE FOR EVERY DISTANCE OF 100±50mm AND SPIRAL TAPING TO BE DONE ON WIRE BUNDLE.
15. PRINTED STICKER TO BE PROVIDED ON ALL END OF BRANCHES
16. ALL WIRES TO MEET ISO 6722 (CLASS B) & FLAMMABILITY REQUIREMENTS TO MEET ISO 6722.
17. COT TUBE TO MEET FLAMMABILITY REQUIREMENT AS PER UL94,V-2
18. CLIP POSITIONS ARE SHOWN ONLY FOR REFERENCE.
19. SPLICE JOINTS TO BE MADE BY MECHANICAL JOINT CRIMPING
20. CUSTOMER CHOSEN CONNECTOR , ALL LIABILITIES AND CONSEQUENCES BELONGS TO CUSTOMER - #

CONNECTOR : ECONOSEAL HOUSING 4F B
SUPPLIER : TYCO
SUPPLIER P/N : 174257-2

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	SECONDARY LOCK	TYCO	174258-7
2	CLIP	TYCO	368165-1
3	IDENTIFICATION LABEL	-	-

TO W/H ABS SPLIT-I



A diagram of a 4-wire ABS system. It shows a 16-pin connector with pins numbered 1 through 16. The connector is connected to a 4-wire ABS system. The wires are labeled: 1 (blue), 2 (red), 3 (green), 4 (yellow), 5 (brown), 6 (black), 7 (grey), 8 (white), 9 (pink), 10 (light blue), 11 (light green), 12 (light yellow), 13 (light brown), 14 (light grey), 15 (light white), and 16 (light pink).

CONNECTOR : ECONOSEAL HOUSING 16M B
SUPPLIER : TYCO
A SUPPLIER P/N : 2315769-1

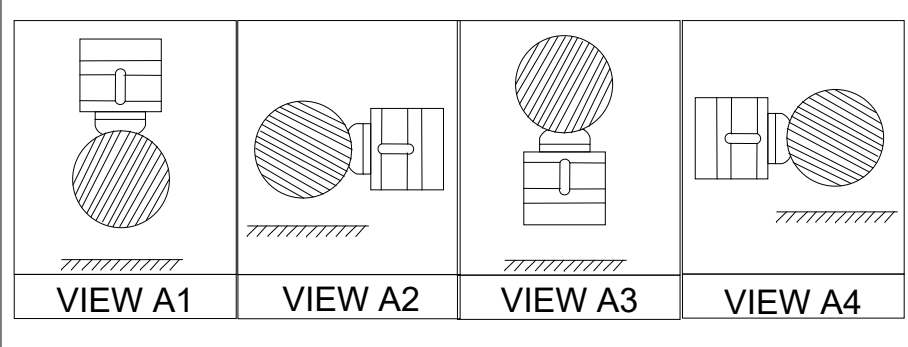
ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	SECONDARY LOCK	TYCO	2315767-1
2	CLIP	TYCO	368165-1
3	IDENTIFICATION LABEL	-	-

CONNECTOR : 1.5 SUPERSEAL HOUSING 1M B
SUPPLIER : TYCO
SUPPLIER P/N : 282103-1

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	IDENTIFICATION LABEL	-	-

CIRCUIT TABLE									
S.NO.	M/C	CKT.NO.	WIRE TYPE	CSA	COL.	FROM(A)	CAV(A)	TO(B)	CAV(B)
1	SE CABLE 1	WIRE 1	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	13	FRS	1
2	SE CABLE 1	WIRE 2	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	10	FRS	2
3	SE CABLE 2	WIRE 3	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	15	FLS	1
4	SE CABLE 2	WIRE 4	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	12	FLS	2
5	SE CABLE 3	WIRE 5	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	16	RRS	1
6	SE CABLE 3	WIRE 6	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	7	RRS	2
7	SE CABLE 4	WIRE 7	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	14	RLS	1
8	SE CABLE 4	WIRE 8	ISO 6722 CLASS B(FLRY-B)	0.5	W	TO W/H ABS SPLIT-I	11	RLS	2
9		WIRE 9	ISO 6722 CLASS B(FLRY-B)	1	L	TO W/H ABS SPLIT-I	9	RRV	1
10		WIRE 10	ISO 6722 CLASS B(FLRY-B)	1	BR	TO W/H ABS SPLIT-I	8	RRV	3
11		WIRE 11	ISO 6722 CLASS B(FLRY-B)	1	L	TO W/H ABS SPLIT-I	5	RLV	1
12		WIRE 12	ISO 6722 CLASS B(FLRY-B)	1	BR	TO W/H ABS SPLIT-I	2	RLV	3
13		WIRE 13	ISO 6722 CLASS B(FLRY-B)	1	L	TO W/H ABS SPLIT-I	4	FRV	1
14		WIRE 14	ISO 6722 CLASS B(FLRY-B)	1	BR	TO W/H ABS SPLIT-I	1	FRV	3
15		WIRE 15	ISO 6722 CLASS B(FLRY-B)	1	L	TO W/H ABS SPLIT-I	6	FLV	1
16		WIRE 16	ISO 6722 CLASS B(FLRY-B)	1	BR	TO W/H ABS SPLIT-I	3	FLV	3
17		WIRE 17	ISO 6722 CLASS B(FLRY-B)	2.5	B	TO SPLIT GROUND	1	SP01	L
18		WIRE 18	ISO 6722 CLASS B(FLRY-B)	2.5	B	BATTERY GROUND	1	SP01	R
19		WIRE 19	ISO 6722 CLASS B(FLRY-B)	1	Y/G	FRV	2	SP01	L
20		WIRE 20	ISO 6722 CLASS B(FLRY-B)	1	Y/G	FLV	2	SP01	L
21		WIRE 21	ISO 6722 CLASS B(FLRY-B)	1	Y/G	RRV	2	SP01	R
22		WIRE 22	ISO 6722 CLASS B(FLRY-B)	1	Y/G	RLV	2	SP01	R
23		WIRE 23	ISO 6722 CLASS B(FLRY-B)	1	L	3/2 SOLENOID VALVE	1	TO W/H ABS SPLIT-II	1
24		WIRE 24	ISO 6722 CLASS B(FLRY-B)	1	BR	3/2 SOLENOID VALVE	2	TO W/H ABS SPLIT-II	2

CLIP ORIENTATION VIEW :



CONNECTOR : CPC HOUSING 4F B
SUPPLIER : TYCO
SUPPLIER P/N : 1-2349482-1

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	COVER	TYCO	965576-1
2	IDENTIFICATION LABEL	-	-

CONNECTOR : RING TRML ø8 (1.5-2.5)
SUPPLIER : TT
SUPPLIER P/N : TT-1898(TC)

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	IDENTIFICATION LABEL	-	-

BATTERY GROUND

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	IDENTIFICATION LABEL	-	-

CONNECTOR : CPC HOUSING 4F B
SUPPLIER : TYCO
A SUPPLIER P/N : 1-2349482-1

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	COVER	TYCO	965576-1
2	IDENTIFICATION LABEL	-	-

YELLOW COLOUR PVC FULL

3/2 SOLENOID VALVE

CONNECTOR : CPC HOUSING 4F B
SUPPLIER : TYCO
SUPPLIER P/N : 1-2349482-1

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	COVER	TYCO	965576-1
2	IDENTIFICATION LABEL	-	-

SP01			
DIRECTION	CKT.NO.	COL.	CSA
L	WIRE 17	B	2.5
L	WIRE 19	Y/G	1
L	WIRE 20	Y/G	1
R	WIRE 18	B	2.5
R	WIRE 21	Y/G	1
R	WIRE 22	Y/G	1

ADDITIONAL COMPONENTS			
S.NO.	TYPE	SUPPLIER	SUPPLIER P/N
1	IDENTIFICATION LABEL	-	-

TOLERANCE CHART		
BRANCH LENGTHS		
S.No.	LENGHT IN mm	TOLERANCE mm
1	LESS THAN 200	+10/-0
2	201 TO 500	+15/-0
3	501 TO 1000	+20/-0
4	1001 TO 2000	+25/-0
5	2001 TO 5000	+25/-0
6	OVER 5001	+30/-0

MAIN TRUNK		
S.No.	LENGHT IN mm	TOLERANCE mm
1	LESS THAN 200	+/-10
2	201 TO 500	+/-10
3	501 TO 1000	+/-10
4	1001 TO 2000	+15/-0
5	2001 TO 5000	+15/-0
6	OVER 5001	+20/-0

FOR CLIPS		
CLIP TO CLIP TOLERANCE mm		
ALL		+5/-0
FOR GROMMET AND CLIPS IN mm		
GROMMET/CLIP TO BRANCH/OTHER COMPONENT	+10/-0	

SYMBOL	SYMBOL DESCRIPTION
	SPACE TAPE
	SPIRAL / ROUGH TAPE
	FULL / OVERLAP TAPE
	POINT / SPOT TAPE
	JUNCTION COTTON TAPE
	COT TUBE
	SPLICE
	WIRE BUNDLE
	JUNCTION PVC TAPE
	BRAID TUBE
	PVC TUBE

COLOR CODE	COLOR DESCRIPTION
B	BLACK
BR	BROWN
G	GREEN
GR	GREY
L	BLUE
LG	LIGHT GREEN
O	ORANGE
P	PINK
R	RED
SB	SKY BLUE
V	VIOLET
W	WHITE
Y	YELLOW
N	NATURAL

[illegible]