



Technical specification:

Rated voltage:	48 V
Current rating:	350mA at 40°C
Transmission characteristics: IEC 60512-2	Class D ISO IEC 11801
Pollution degree: IEC 60664-1	3/2
Degree of protection: IEC 60529 (M12x1)	IP 67, in mated condition
Degree of protection: IEC 60529 (RJ45)	IP 20, connected
Temperature range: IEC 60664-1	-30°C ... +70°C
Mating cycles: IEC 60512-9a	>=100

Materials male connector M12x1:

Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PBT GF, UL 94
Coupling screw:	GD-Zn, nickel plated
Moulding body:	TPU, UL 94, grey

Installation specification:

Recommended torque:	0,6 Nm
Conec installation tool:	Torque wrench: 36-000200 Insert across flats 13: 36-000220

Contact assignment:

1	yellow	1
3	white	2
2	orange	3
6	blue	4
Shielding		
RJ45		M12x1

Part no:	Description:	Length L:	Cable:
43-12484	SAL - 45 - SS4 - 12D - RS4.2 - 0,3 / G6	0,3m	TPU, UL, green (RAL 6018), 4xAWG22 Cable: 781-G63400
43-12485	SAL - 45 - SS4 - 12D - RS4.2 - 0,6 / G6	0,6m	
43-10996	SAL - 45 - SS4 - 12D - RS4.2 - 1,5 / G6	1,5m	
43-10997	SAL - 45 - SS4 - 12D - RS4.2 - 3 / G6	3m	
43-xxxxx	SAL - 45 - SS4 - 12D - RS4.2 - ... / G6	x	

D see data sheet cable

DO NOT ALTER CAD DRAWING BY HAND Directive 2002/95/EC RoHS compliant	Index: a 29.09.11 VF Ä3767 Coupling screw modified, spanner flats added, data sheet modified	dim. in mm	title: Connecting cable, male connector RJ45 - male connector M12x1						
				<table border="1"> <tr> <td>date</td> <td>name</td> </tr> <tr> <td>30.10.08</td> <td>Mankopf</td> </tr> <tr> <td>30.10.08</td> <td>Fromm</td> </tr> </table>	date	name	30.10.08	Mankopf	30.10.08
	date	name							
	30.10.08	Mankopf							
	30.10.08	Fromm							
tolerance of cable: L ≤ 4m: L + 40mm L > 4m: L + 1%		dwg no: 43K1A797							
general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm		part no: see table							
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