

Technical specification :

Rated voltage:	30 V
IEC 61076-2-101	
Current rating:	1,5 A at 40°C
IEC 61076-2-101	
Insulation resistance:	>=100 MΩ
IEC 60512	
Pollution degree:	3/2
IEC 60664-1	
Degree of protection:	IP 67, in mated condition
IEC 60529	
Temperature range:	-30°C ... +80°C
Mating cycles:	>=100
IEC 60512-9a	

Materials:

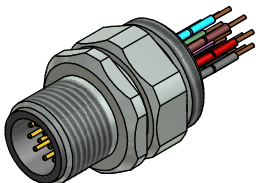
Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PBT GF, UL 94
Sealing:	FPM
Counternut:	CuZn, nickel plated
Socket housing:	CuZn, nickel plated
Grouting:	Polyurethane-resin, UL 94

Installation specification:

recommended torque:	1-1,2 Nm
Conec installation tool:	Torque wrench: 36-000200 Insert across flats 17: 36-000230

Contact assignment:

1 - brown	7 - black
2 - blue	8 - grey
3 - white	9 - red
4 - green	10 - violet
5 - pink	11 - grey-pink
6 - yellow	12 - red-blue



Part-no.:	Description:	Pos	Length L:	Wire:
43-01342	SAL - 12 - FSP12 - 0,5	12	0,5m	AWG 26 PVC, UL
43-xxxxx	SAL - 12 - FSP12 - ...	12	x	

DO NOT ALTER CAD DRAWING BY HAND Directive 2002/95/EC RoHS compliant	Index: c 15.02.13 MG Ä4631 Data sheet revised, technical specification changed, materials corrected	dim. in mm <table border="1"> <tr> <td></td> <td>date</td> <td>name</td> </tr> <tr> <td>drawn</td> <td>16.10.08</td> <td>Fromm</td> </tr> <tr> <td>appd.</td> <td>16.10.08</td> <td>Mankopf</td> </tr> </table>		date	name	drawn	16.10.08	Fromm	appd.	16.10.08	Mankopf	title: Male connector M12x1 with wire, frontmounting, reposition	
			date	name									
	drawn	16.10.08	Fromm										
	appd.	16.10.08	Mankopf										
tolerance of wire: L ≤ 0,5m: L + 20mm L > 0,5m: L + 4%		dwg no: 43K1A774											
general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm		part no: see table											
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