

Technical specification:

Rated voltage: IEC 61076-2-101	60 V
Current rating: IEC 61076-2-101	4 A at 40°C
Insulation resistance: IEC 60512	>=100 MΩ
Pollution degree: IEC 60664-1	3/2
Degree of protection: IEC 60529	IP 67, in mated condition
Temperature range:	-30°C ... +80°C
Mating cycles: IEC 60512-9a	>=100

Materials:

Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PBT GF, UL 94
Sealing connector: chassis:	FPM NBR
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 19: 36-000250

Contact assignment:

- 1) brown
- 2) white
- 3) blue
- 4) black
- 5) grey

Minimum wall thickness 1,5mm,
alternativ panel cut-out d=15,3

Part no:	Description:	Pos	Length L:	Wire:
43-01080	SAL - 12 - FKH5.1 - 0,5 - 9	5	0,5m	AWG 24 PVC, UL
43-xxxxx	SAL - 12 - FKH5.1 - ... - 9	5	x	

DO NOT ALTER CAD DRAWING BY HAND Directive 2002/95/EC RoHS compliant	Index: c 23.11.12 MG Ä4555 Data sheet revised, technical specification changed, materials corrected	dim. in mm	title: Female socket M12x1 with wire, backmounting, PG9									
	tolerance of wire: L ≤ 0,5m: L + 20mm L > 0,5m: L + 4%	<table border="1" style="font-size: 8px;"> <tr> <td></td> <td>date</td> <td>name</td> </tr> <tr> <td>drawn</td> <td>20.02.07</td> <td>Fromm</td> </tr> <tr> <td>appd.</td> <td>01.03.07</td> <td>Mankopf</td> </tr> </table>			date	name	drawn	20.02.07	Fromm	appd.	01.03.07	Mankopf
		date	name									
	drawn	20.02.07	Fromm									
appd.	01.03.07	Mankopf										
general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm		part no: see table										
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