

**Contact assignment:**

- 1) brown
- 2) white
- 3) blue
- 4) black
- 5) green-yellow

**Contact assignment:**

- 1) white
- 2) brown
- 3) green
- 4) yellow
- 5) grey
- 6) pink
- 7) blue
- 8) red

**Technical specification:**

Rated voltage: IEC 61076-2-101	4pos 250 V	5pos 60 V	8pos 30 V
Current rating: IEC 61076-2-101	4/5pos 4 A at 40°C	8pos 2 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

Minimum wall thickness 1,5mm,  
alternativ panel cut-out d=16,1

Part no:	Description:	Pos	Length L:	Wire:
43-01003	SAL - 12 - FKH4 - 0,5	4	0,5m	AWG 24 PVC, UL
43-xxxxx	SAL - 12 - FKH4 - ...	4	x	
43-01004	SAL - 12 - FKH5 - 0,5	5	0,5m	
43-xxxxx	SAL - 12 - FKH5 - ...	5	x	
43-01005	SAL - 12 - FKH8 - 0,5	8	0,5m	
43-xxxxx	SAL - 12 - FKH8 - ...	8	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: <b>Female socket M12x1 with wire,                  backmounting</b>										
	tolerance of wire: L ≤ 0,5m: L + 20mm L > 0,5m: L + 4%	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"></td> <td style="width: 100px;">date</td> <td style="width: 100px;">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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