

**Technical specification:**

Rated voltage: 4pos 5pos 8pos  
IEC 61076-2-101 250 V 60 V 30 V

Current rating: 4/5pos 8pos  
IEC 61076-2-101 4 A at 40°C 2 A at 40°C

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 connector: FPM  
chassis: 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) green-yellow

**Contact assignment:**

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

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: 30px;">date</td> <td style="width: 30px;">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	dwg no: <div style="text-align: center; font-size: 1.2em; font-weight: bold;">43K1A216</div>		
		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: <div style="text-align: center; font-size: 1.2em;">see table</div>											
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