

**Technical specification:**

Rated voltage: 60 V  
IEC 61076-2-101

Current rating: 4 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 connector: FPM  
chassis: NBR

Counternut: CuZn, nickel plated

Socket housing: CuZn, nickel plated

Grouting: Polyurethane-resin, UL 94

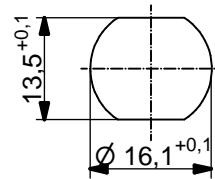
**Installation specification:**

recommended torque: 1-1,2 Nm

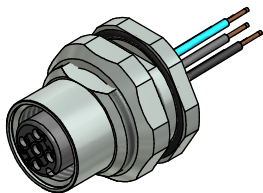
Conec installation tool: Torque wrench: 36-000200  
Insert across flats 19: 36-000250

**Contact assignment:**

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



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



Part no:	Description:	Pos	Length L:	Wire:
43-01048	SAL - 12 - FKH5.1 - 0,5	5	0,5m	AWG 24 PVC, UL
43-xxxxx	SAL - 12 - FKH5.1 - ...	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: <b>Female socket M12x1 with wire, backmounting</b>	
		date	name		
	tolerance of wire: L <= 0,5m: L + 20mm L > 0,5m: L + 4%	drawn 04.04.07	Fromm		dwg no: <b>43K1A210</b>
	general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm	appd. 04.04.07	Mankopf		
			part no:	see table	
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