

Contact assignment:

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

Technical specification:

Rated voltage: 60 V
IEC 61076-2-101

Current rating: 4A 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

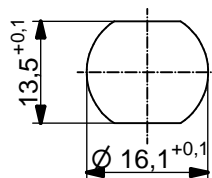
Socket housing: CuZn, nickel plated

Grouting: Polyurethane-resin, UL 94

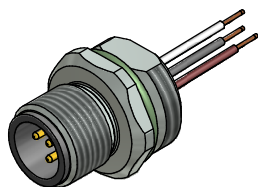
Installation specification:

recommended torque: 1-1,2 Nm

Conec installation tool: Torque wrench: 36-000200
Insert across flats 17: 36-000230



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



Part no:	Description:	Pos	Length L:	Wire:
43-01049	SAL - 12 - FS5.1 - 0,5	5	0,5m	AWG 24 PVC, UL
43-xxxxx	SAL - 12 - FS5.1 - ...	5	x	

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Index: d 08.02.13 MG Ä4631
Data sheet revised, technical specification changed, materials corrected

tolerance of wire: L <= 0,5m: L + 20mm
L > 0,5m: L + 4%

general tolerance: 0 ± 0,50mm
0,0 ± 0,25mm
0,00 ± 0,10mm

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dim. in mm

	date	name
drawn	04.04.07	Franz
appd.	04.04.07	Mankopf

CONEC®

title:
Male socket M12x1 with wire, frontmounting

dwg no:
43K1A208

part no:
see table