

#### 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:

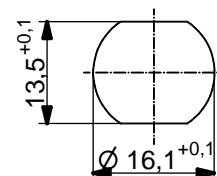
Rated voltage: IEC 61076-2-101	4pos 250 V	5pos 60 V	8pos 30 V
Current rating: IEC 61076-2-101	4/5pos 4 A at 40°C	8pos 2 A at 40°C	
Insulation resistance: IEC 60512	>=100 MΩ		
Pollution degree: IEC 60664-1	3/2		
Degree of protection: IEC 60529	IP 67, in mated condition		
Temperature range:	-30°C ... +80°C		
Mating cycles: IEC 60512-9a	>=100		

#### Materials:

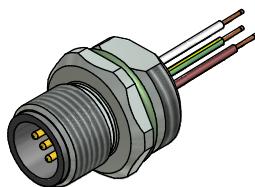
Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PBT GF, UL 94
Sealing:	FPM
Socket housing:	CuZn, nickel plated
Grouting:	Polyurethane-resin, UL 94

#### Installation specification:

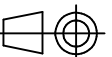

recommended torque:	1-1,2 Nm
Conec installation tool:	Torque wrench: 36-000200 Insert across flats 17: 36-000230



Minimum wall thickness 1.5mm,  
alternativ panel cut-out d=16.1



Part no:	Description:	Pos	Length L:	Wire:
43-01009	SAL - 12 - FS4 - 0,5	4	0,5m	AWG 24 PVC, UL
43-xxxxx	SAL - 12 - FS4 - ...	4	x	
43-01010	SAL - 12 - FS5 - 0,5	5	0,5m	
43-xxxxx	SAL - 12 - FS5 - ...	5	x	
43-01011	SAL - 12 - FS8 - 0,5	8	0,5m	
43-xxxxx	SAL - 12 - FS8 - ...	8	x	

DO NOT ALTER CAD DRAWING BY HAND Directive 2002/95/EC RoHS compliant	Index: d 01.02.13 MG Ä4631 Data sheet revised, technical specification changed, materials corrected	 dim. in mm		title: Male socket M12x1 with wire, frontmounting	
		date	name		
	tolerance of wire: L ≤ 0,5m: L + 20mm L > 0,5m: L + 4%	drawn	01.03.07	Fromm	dwg no:  43K1A214
		appd.	01.03.07	Mankopf	
	general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm			part no: see table	
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH					