

**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<br>Directive 2002/95/EC RoHS compliant | Index: c 23.11.12 MG Ä4555<br>Data sheet revised, technical specification changed, materials corrected   | dim. in mm                               | title:<br><b>Female socket M12x1 with wire,<br/>backmounting</b> |                            |  |
|   | tolerance of wire: L <= 0,5m: L + 20mm<br>L > 0,5m: L + 4%   | date<br>drawn 20.02.07<br>appd. 01.03.07 | name<br>Fromm<br>Mankopf   | dwg no:<br><b>43K1A216</b> |  |
|   | general tolerance: 0 ± 0,50mm<br>0,0 ± 0,25mm<br>0,00 ± 0,10mm   |  |  | part no:<br>see table      |  |
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