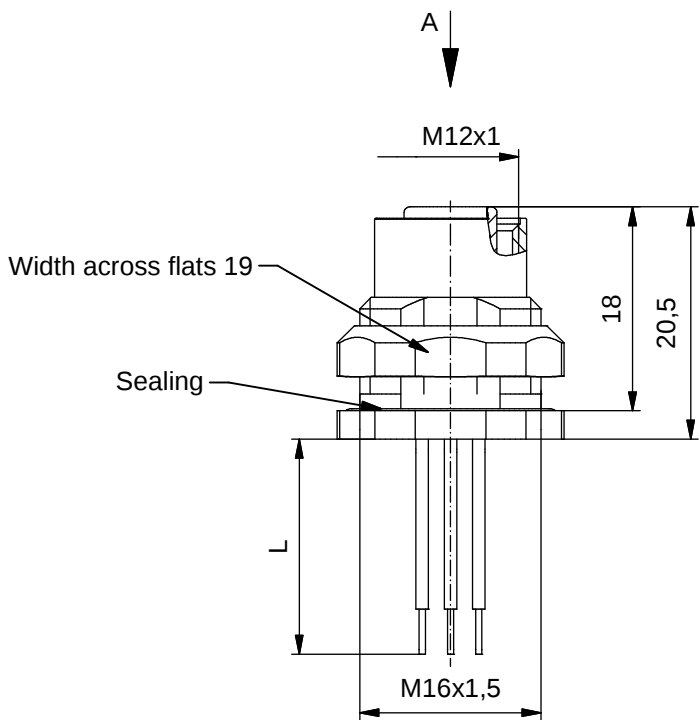
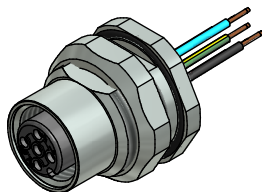


#### Contact assignment:

- 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:

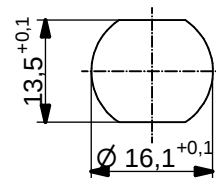
|                        |                           |             |      |
|------------------------|---------------------------|-------------|------|
| Rated voltage:         | 4pos                      | 5pos        | 8pos |
| IEC 61076-2-101        | 250 V                     | 60 V        | 30 V |
| 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: chassis: | FPM<br>NBR                |
| Counternut:                 | CuZn, nickel plated       |
| Socket housing:             | CuZn, nickel plated       |
| Grouting:                   | Polyurethane-resin, UL 94 |

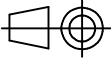
#### Installation specification:

|                          |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| recommended torque:      | 1-1,2 Nm                                                            |
| Conec installation tool: | Torque wrench:<br>36-000200<br>Insert across flats 19:<br>36-000250 |



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>Female socket M12x1 with wire, backmounting |                         |
|                                                                         | tolerance of wire: L <= 0,5m: L + 20mm<br>L > 0,5m: L + 4%                                                                                                           | drawn                                                                                          | 20.02.07 | Fromm                                                 | dwg no:<br><br>43K1A216 |
|                                                                         | general tolerance: 0 ± 0,50mm<br>0,0 ± 0,25mm<br>0,00 ± 0,10mm                                                                                                       | appd.                                                                                          | 01.03.07 | Mankopf                                               |                         |
|                                                                         | 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 |             |          | part no:                                              | see table               |

