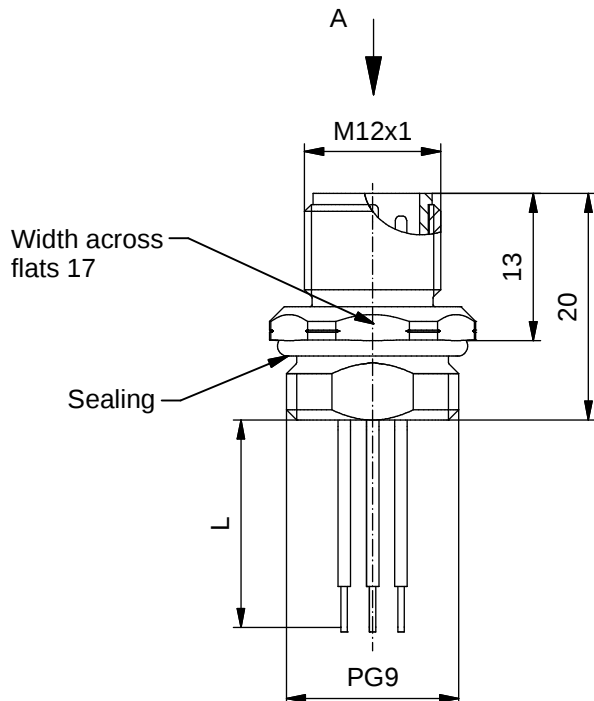




#### Technical specification:

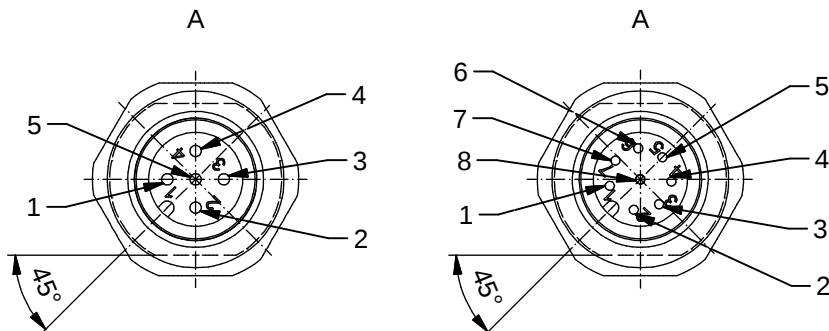
|                                     |                           |                     |              |
|-------------------------------------|---------------------------|---------------------|--------------|
| Rated voltage:<br>IEC 61076-2-101   | 4pos<br>250 V             | 5pos<br>60 V        | 8pos<br>30 V |
| Current rating:<br>IEC 61076-2-101  | 4/5pos<br>4 A at 40°C     | 8pos<br>2 A at 40°C |              |
| Insulation resistance:<br>IEC 60512 | >=100 MΩ                  |                     |              |
| Pollution degree:<br>IEC 60664-1    | 3/2                       |                     |              |
| Degree of protection:<br>IEC 60529  | IP 67, in mated condition |                     |              |
| Temperature range:                  | -30°C ... +80°C           |                     |              |
| Mating cycles:<br>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:<br>36-000200<br>Insert across flats 17:<br>36-000230 |

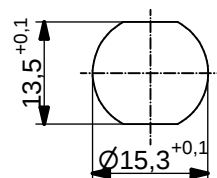


#### Contact assignment:

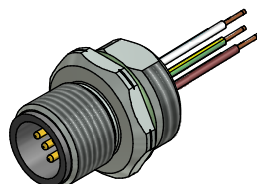
- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 green-yellow

#### Contact assignment:

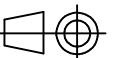
- 1 white
- 2 brown
- 3 green
- 4 yellow
- 5 grey
- 6 pink
- 7 blue
- 8 red



Minimum wall thickness 1,5mm,  
alternativ panel cut-out d=15,3



| Part no: | Description:             | Pos | Length L: | Wire:          |
|----------|--------------------------|-----|-----------|----------------|
| 43-01082 | SAL - 12 - FS4 - 0,5 - 9 | 4   | 0,5m      | AWG 24 PVC, UL |
| 43-xxxxx | SAL - 12 - FS4 - ... - 9 | 4   | x         |                |
| 43-01084 | SAL - 12 - FS5 - 0,5 - 9 | 5   | 0,5m      |                |
| 43-xxxxx | SAL - 12 - FS5 - ... - 9 | 5   | x         |                |
| 43-01099 | SAL - 12 - FS8 - 0,5 - 9 | 8   | 0,5m      |                |
| 43-xxxxx | SAL - 12 - FS8 - ... - 9 | 8   | x         |                |

|                                                                                                                                                                            |                                                                                                           |  |                                                                                                |          |                                                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------|-------------------------|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant                                                                                                    | Index: d 11.02.13 MG Ä4631<br>Data sheet revised, technical specification<br>changed, materials corrected |  |  dim. in mm |          | title:<br>Male socket M12x1 with wire,<br>frontmounting, PG9 |                         |
|                                                                                                                                                                            |                                                                                                           |  | date                                                                                           | name     |                                                              |                         |
|                                                                                                                                                                            | tolerance of wire: L <= 0,5m: L + 20mm<br>L > 0,5m: L + 4%                                                |  | drawn                                                                                          | 01.03.07 | Fromm                                                        | dwg no:<br><br>43K1A327 |
|                                                                                                                                                                            |                                                                                                           |  | appd.                                                                                          | 01.03.07 | Mankopf                                                      |                         |
|                                                                                                                                                                            | general tolerance: 0 ± 0,50mm<br>0,0 ± 0,25mm<br>0,00 ± 0,10mm                                            |  |             |          |                                                              |                         |
| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND<br>MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION.<br>OWNERSHIP AND COPYRIGHT OF CONEC GmbH |                                                                                                           |  |                                                                                                |          |                                                              |                         |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

CONEC:

[43-01099](#) [43-01084](#) [43-01082](#)