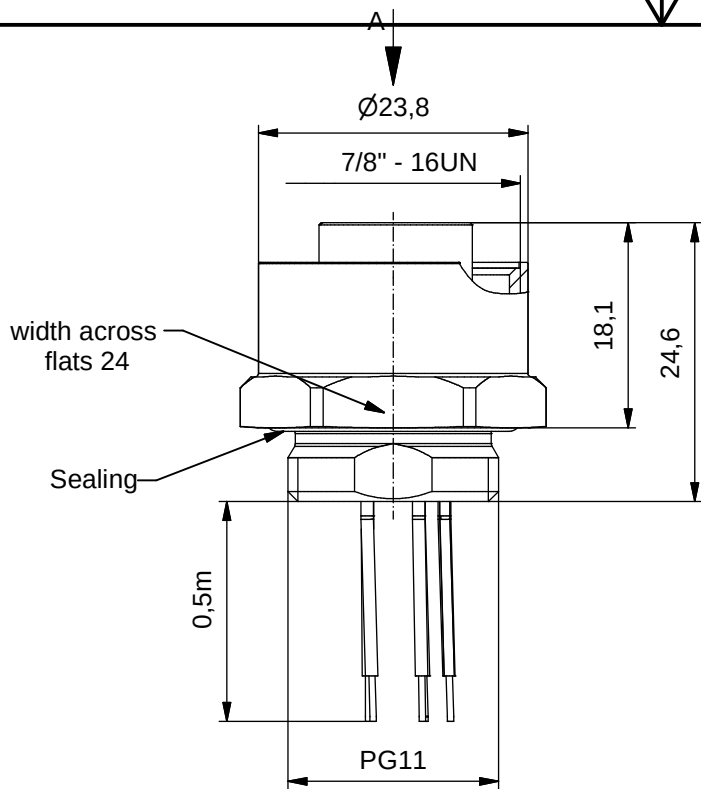


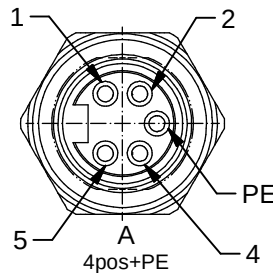
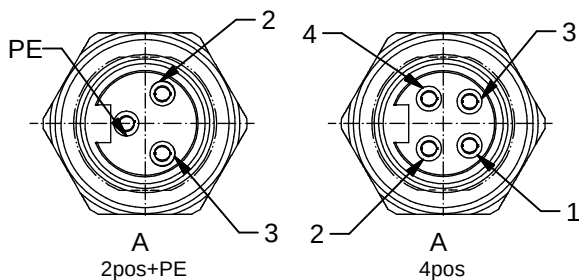


#### Technical specification:

|                                        |                           |
|----------------------------------------|---------------------------|
| Rated voltage:<br>IEC 60664-1          | 300 V                     |
| Overvoltage category:<br>IEC 60664-1   | 2                         |
| Overvoltage:<br>IEC 60664-1            | 2,7 kV                    |
| Current rating:<br>IEC 60512-3 at 40°C | AWG 18 8 A    AWG 16 12 A |
| 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:<br>IEC 60664-1      | -30°C ... +75°C           |
| Mating cycles:<br>IEC 60512-9a         | >=100                     |
| Termination:                           | crimped                   |

#### Materials:

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



#### Contact assignment:

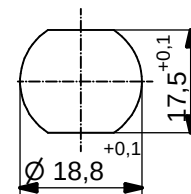
|    |              |
|----|--------------|
| PE | green-yellow |
| 2  | brown        |
| 3  | blue         |

#### Contact assignment:

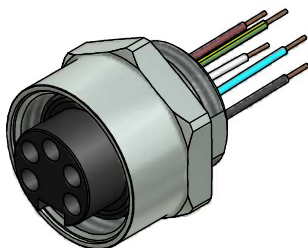
|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |

#### Contact assignment:

|    |              |
|----|--------------|
| 1  | black        |
| 2  | blue         |
| PE | green-yellow |
| 4  | brown        |
| 5  | white        |



Minimum wall thickness  
2,5mm, alternativ panel  
cut-out d=18,8

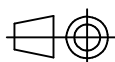


| Part no: | Description:                     | Pos | Wire:          |
|----------|----------------------------------|-----|----------------|
| 41-40030 | SAL - 7/8 - FK2PE - 0,5 - 11     | 3   | AWG 18 PVC, UL |
| 41-40031 | SAL - 7/8 - FK4 - 0,5 - 11       | 4   | AWG 18 PVC, UL |
| 41-40032 | SAL - 7/8 - FK4PE - 0,5 - 11     | 5   | AWG 18 PVC, UL |
| 41-40039 | SAL - 7/8 - FK2PE - 0,5/150 - 11 | 3   | AWG 16 PVC, UL |
| 41-40040 | SAL - 7/8 - FK4 - 0,5/150 - 11   | 4   | AWG 16 PVC, UL |
| 41-40041 | SAL - 7/8 - FK4PE - 0,5/150 - 11 | 5   | AWG 16 PVC, UL |

DO NOT ALTER CAD DRAWING BY HAND

Directive 2002/95/EC RoHS compliant

Index: e 18.10.11 fro Ä4130  
Temperatur changed



dim. in mm

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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**CONEC**®

title:

Female socket 7/8" with wires,  
frontmounting, PG11

dwg no:

41K1A387

part no:

# Mouser Electronics

Authorized Distributor

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

CONEC:

[41-40041](#) [41-40030](#) [41-40039](#) [41-40031](#) [41-40040](#) [41-40032](#)