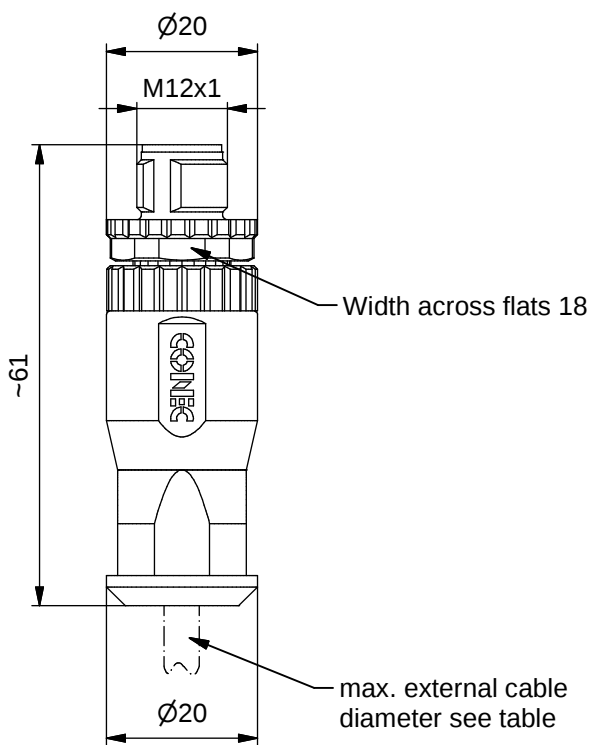
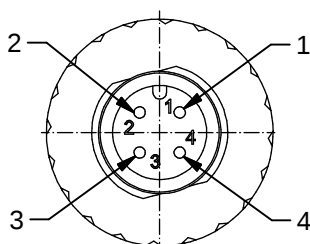


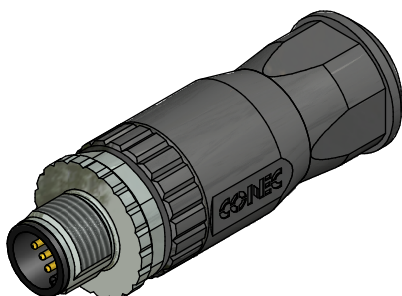
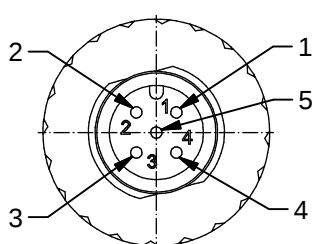


A-coding

4pos



5pos



#### Technical specification:

|                                     |                                                       |              |
|-------------------------------------|-------------------------------------------------------|--------------|
| Rated voltage:<br>IEC 61076-2-101   | 4pos<br>250 V                                         | 5pos<br>60 V |
| Current rating:<br>IEC 61076-2-101  | 7,5 A bei 40°C, with 1,5 mm <sup>2</sup>              |              |
| 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 ... +85°C                                       |              |
| Mating cycles:<br>IEC 60512-9a      | >=100                                                 |              |
| Wire cross section:                 | max. AWG16 / max. 1,50 mm <sup>2</sup> (incl. sleeve) |              |

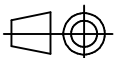
#### Materials:

|                  |                  |
|------------------|------------------|
| Contact:         | CuZn             |
| Contact plating: | Au over Ni       |
| Contact carrier: | PA6, UL 94       |
| Cable seal:      | Elastomere       |
| O-Ring:          | FPM / NBR        |
| Coupling screw:  | GD-Zn, Ni plated |
| Housing:         | PA6 GF, UL 94    |

#### Installation specification:

|                                                |                                                                     |
|------------------------------------------------|---------------------------------------------------------------------|
| Recommended torque:                            | 0,6 Nm                                                              |
| Conec installation tooling:                    | Torque wrench:<br>36-000200<br>Insert across flats 18:<br>36-000240 |
| Recommended torque, screw termination contact: | 0,3 Nm                                                              |

| Part no: | Description:              | Pos: | Cable-Ø: |
|----------|---------------------------|------|----------|
| 43-00100 | SAL - 12 - RSC4 - S / 150 | 4    | 4 - 8 mm |
| 43-00102 | SAL - 12 - RSC5 - S / 150 | 5    | 4 - 8 mm |

|                                                                                                                                                                            |                                                                                              |  |      |                                                                                                |          |                                                                              |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|------|------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------|-------------------------|
| DO NOT ALTER CAD DRAWING BY HAND<br>Directive 2002/95/EC RoHS compliant                                                                                                    | Index: c 17.03.14 BS Ä5133<br>data sheet a. description modified                             |  |      |  dim. in mm |          | title: Male connector M12x1,<br>field attachable, axial,<br>screw connection |                         |
|                                                                                                                                                                            |                                                                                              |  | date | name                                                                                           |          |                                                                              |                         |
|                                                                                                                                                                            |                                                                                              |  |      | drawn                                                                                          | 19.01.09 | Burschik                                                                     | dwg no:<br><br>43K1A836 |
|                                                                                                                                                                            |                                                                                              |  |      | appd.                                                                                          | 19.01.09 | Schmidt                                                                      |                         |
|                                                                                                                                                                            | general tolerance:           0           ± 0,50mm<br>0,0       ± 0,25mm<br>0,00     ± 0,10mm |  |      |             |          | part no: see table                                                           |                         |
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general tolerance: 0 ± 0,50mm  
0,0 ± 0,25mm  
0,00 ± 0,10mm

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