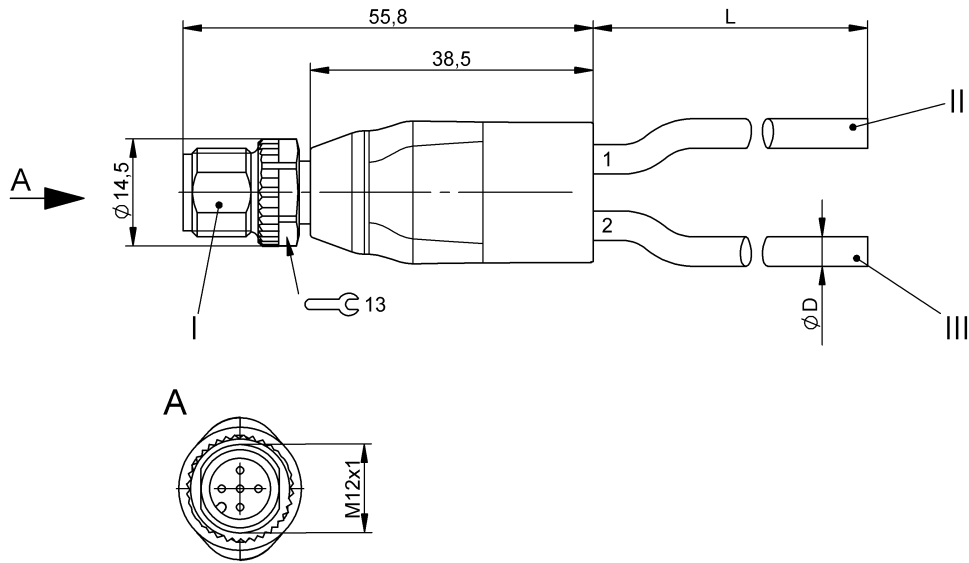




Basic features

|                     |            |
|---------------------|------------|
| Approval/Conformity | CE<br>WEEE |
|---------------------|------------|

Electrical connection

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                |
| Bending radius min., flexible cable | 10 x D                               |
| Cable diameter D                    | 5.00 mm ±0.50 mm                     |
| Cable, bending cycles min.          | 2 mil.                               |
| Conductor cross-section             | 0.50 mm <sup>2</sup>                 |
| Connection 1                        | M12x1-Male, straight, 5-pin, A-coded |
| Connection 2                        | open cable end                       |
| Connection 3                        | open cable end                       |
| Connector 01, version               | straight                             |
| Number of conductors                | 3/3                                  |
| Number of pins                      | 5                                    |
| System                              | Molded                               |

Electrical data

|                                  |                   |
|----------------------------------|-------------------|
| Operating voltage U <sub>b</sub> | 125 VDC / 125 VAC |
| Rated current (40 °C)            | 4.0 A             |

Remarks

Cable construction acc. to UL-AWM Style 20549  
Halogen-free per DIN VDE 0472 Part 815  
Flame resistance per IEC 60332-2-2  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.  
Silicone-free

Environmental conditions

|                                     |                   |
|-------------------------------------|-------------------|
| Cable temperature, drag chain       | -25...60 °C       |
| Cable temperature, fixed routing    | -50...80 °C       |
| Cable temperature, flexible routing | -25...80 °C       |
| IP rating                           | IP67, IP68, IP69K |

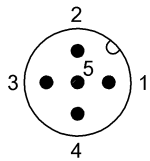
Material

|                          |               |
|--------------------------|---------------|
| Cable jacket, material   | PUR           |
| Material contact carrier | PUR           |
| Material contacts        | Brass         |
| Material cover nut       | Die-cast zinc |
| Material grip            | PUR           |

Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | black                 |
| Cable length L                          | 5.00 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m                   |
| Tightening torque pigtail               | 0.6 Nm/-/-            |
| Traverse speed max., drag chain         | 200 m/min             |
| Vertical travel permitted, drag chain   | 2 m                   |

Connector Drawings



Wiring Diagrams (Schematic)

