

Basic features

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|---------------------|----------------------|
| Approval/Conformity | CE Ecolab WEEE |
|---------------------|----------------------|

Electrical connection

| | |
|-------------------------------------|--|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | TPE-V gray, 5 m |
| Cable diameter D | 6.0 mm ±0.2 mm |
| Conductor cross-section | 0.25 mm ² |
| Connection | M12x1-Female, straight, 8-pin, A-coded |
| Connector configuration | Straight |
| Number of conductors | 8 |
| Number of pins | 8 |
| System | Molded |

Electrical data

| | |
|----------------------------------|-----------------|
| Cable rated voltage AC max. | 300 V |
| Cable rated voltage DC max. | 300 V |
| Operating voltage U _b | 30 VDC / 30 VAC |
| Rated current (40 °C) | 2.0 A |

Environmental conditions

| | |
|-------------------------------------|--------------|
| Cable temperature, fixed routing | -50...105 °C |
| Cable temperature, flexible routing | -25...105 °C |
| IP rating | IP67, IP69K |

Material

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|--------------------------|------------------------|
| Cable jacket, material | TPE-V |
| Material contact carrier | PP |
| Material contacts | Bronze |
| Material cover nut | 1.4404 stainless steel |
| Material grip | PP |

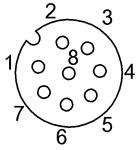
Mechanical data

| | |
|---------------------------|--------|
| Cable jacket, color | gray |
| Cable length L | 5.00 m |
| Tightening torque pigtail | 0.6 Nm |

Remarks

Halogen-free per DIN VDE 0472 Part 815
 Halogen-free acc. to IEC 60754-1
 LABS-free
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

PIN 5: gray

PIN 6: pink

PIN 7: purple

PIN 8: orange

Wiring Diagrams

