

Basic features

| | |
|---------------------|---------------|
| Approval/Conformity | FDA compliant |
| | CE |
| | EAC |
| | Ecolab |
| | WEEE |

Electrical data

| | |
|-----------------------------|-----------------|
| Cable rated voltage AC max. | 300 V |
| Cable rated voltage DC max. | 300 V |
| Operating voltage U_b | 60 VDC / 60 VAC |
| Rated current (40 °C) | 4.0 A |

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 | 5.1 mm ±0.2 mm |
| Conductor cross-section | 0.34 mm ² |
| Connection 1 | M12x1-Female, straight, 5-pin, A-coded |
| Connection 2 | M12x1-Male, straight, 5-pin, A-coded |
| Number of conductors | 5 |
| System | Molded/Molded |

Environmental conditions

| | |
|-------------------------------------|-------------------------|
| Cable temperature, fixed routing | -50...105 °C |
| Cable temperature, flexible routing | -25...105 °C |
| Protection degree | IP67, IP69K/IP67, IP69K |

Material

| | |
|--------------------------|---|
| Cable jacket, material | TPE-V |
| Material contact carrier | PP/PP |
| Material contacts | Bronze/Brass |
| Material cover nut | Stainless steel (1.4404)/Stainless steel (1.4404) |
| Material grip | PP/PP |

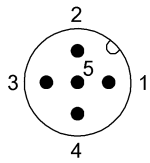
Mechanical data

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

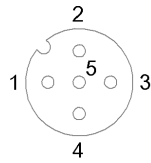
Remarks

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



II
 PIN 1: brown
 PIN 2: white
 PIN 3: blue
 PIN 4: black
 PIN 5: green/yellow



I
 PIN 1: brown
 PIN 2: white
 PIN 3: blue
 PIN 4: black
 PIN 5: green/yellow

Wiring Diagrams

