

Basic features

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|---------------------|---------------------|
| Approval/Conformity | CE cULus WEEE |
|---------------------|---------------------|

Display/Operation

| | |
|----------------------------|------------|
| Function indicator (Pin 4) | LED yellow |
| Power indicator | Green LED |

Electrical connection

| | |
|-------------------------------------|--|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | TPE Yellow, 5 m, drag chain compatible |
| Cable diameter D | 5.30 mm ±0.13 mm |
| Cable, bending cycles min. | 10 mil. |
| Conductor cross-section | 22 AWG |
| Connection | M12x1-Female, straight, 5-pin, A-coded |
| Connector configuration | Straight |
| Number of conductors | 4 |
| Number of pins | 5 |
| System | Molded |

Electrical data

| | |
|-----------------------------|--------|
| Cable rated voltage AC max. | 300 V |
| Cable rated voltage DC max. | 300 V |
| Operating voltage U_b | 30 VDC |
| Rated current (40 °C) | 4.0 A |

Environmental conditions

| | |
|-------------------------------------|-------------------|
| Cable temperature, fixed routing | -50...105 °C |
| Cable temperature, flexible routing | -25...105 °C |
| IP rating | IP67, IP68, IP69K |

Interface

| | |
|------------------|----------------------|
| Switching output | PNP NO/NC antivalent |
|------------------|----------------------|

Material

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

Mechanical data

| | |
|---------------------------|-----------------------|
| Cable jacket, color | Yellow |
| Cable length L | 5.00 m |
| Cable properties | drag chain compatible |
| Tightening torque pigtail | 0.6 Nm |

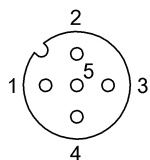
Remarks

Cable construction acc. to UL-AWM Style 20327

Flame resistance acc. to IEC 332-2

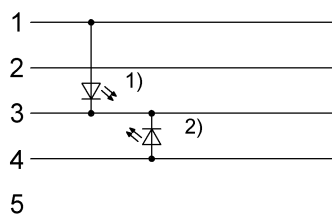
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

Wiring Diagrams (Schematic)



1) Green LED = Power
2) Yellow LED = Function