

- Female M12
- straight

**General attributes**

| | |
|------------------------------|-----------------------|
| Additional features | Drag chain compatible |
| Approvals / Conformity | cULus LISTED |
| Cable jacket color | yellow |
| Enclosure Type per IEC 60529 | IP67 |
| Function indicator | No |
| Function indicator (PIN 2) | No |
| Function indicator (PIN 4) | No |
| Power indicator | No |

Electrical attributes

| | |
|----------------------------------|-----------------------|
| Operating voltage UB max. AC [V] | 250.0 V |
| Operating voltage UB max. DC [V] | 250.0 V |
| Rated current (40°C) | 4.0 A |
| Switching function | Complementary (NO/NC) |
| Switching output | No |

Mechanical attributes

| | |
|-----------------------------|------------|
| Ambient temp. max. (fixed) | 105 °C |
| Ambient temp. max. (moving) | 105 °C |
| Ambient temp. min. (fixed) | -50 °C |
| Ambient temp. min. (moving) | -40 °C |
| Bending cycles | > 10 Mio. |
| Bending radius fixed cable | min. 5 x D |

Bending radius tensioned cable

| | |
|----------------------------|-----------------|
| Cable diameter D | min. 10 x D |
| Cable jacket material | 5.3 +/- 0.13 mm |
| Cable length L [m] | TPE |
| Conductor cross-section | 2.00 m |
| Connector configuration | 22 AWG |
| Connector type | straight |
| Connector type (Header I) | M12, A-coded |
| Contact material | Female M12 |
| Cover nut material | CuZn |
| Drag chain compatible | GD-Zn |
| Grip material | No |
| Number of conductors | TPE |
| Number of female/male pins | 4 |
| System | 5 |
| Tightening torque pigtail | molded |
| | 0.6 Nm |

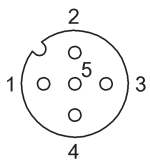
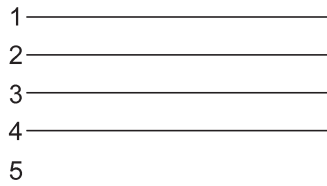
Additional text

Raw Cable: E54661 RU AWM STYLE 20327 105C 300V 22 AWG/4 LL54185 CSA AWM I/II A/B 105C 300V FT1
 Raw cable: E101876 22AWG/4 (UL) PLTC 105C or AWM 20327 105C 300V
 Flame-Resistance FT1/VW-1
 Cable Conductors according to UL-20327
 Flame-Retardant

Connector/cable

BCC M415-0000-1A-003-EX44T2-020

Order code: BCC05F8



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