

- Female M12
- Male M8
- straight / straight



**General attributes**

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

**Electrical attributes**

|                                  |                    |
|----------------------------------|--------------------|
| Operating voltage UB max. AC [V] | 60.0 V             |
| Operating voltage UB max. DC [V] | 60.0 V             |
| Rated current (40°C)             | 4.0 A              |
| Switching function               | Normally open (NO) |
| 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 | min. 10 x D |

|                         |                     |
|-------------------------|---------------------|
| Cable diameter D        | 5.3 +/- 0.13 mm     |
| Cable jacket material   | TPE                 |
| Cable length L [m]      | 2.00 m              |
| Conductor cross-section | 22 AWG              |
| Connector configuration | straight / straight |
| Connector type          | M12, A-coded        |

|                            |                 |
|----------------------------|-----------------|
| Connector type (Header I)  | Female M12      |
| Connector type (Header II) | Male M8         |
| Contact material           | CuZn / CuZn     |
| Cover nut material         | GD-Zn / GD-Zn   |
| Drag chain compatible      | Yes             |
| Grip material              | TPE             |
| Number of conductors       | 3               |
| Number of female/male pins | 5 / 3           |
| System                     | molded / molded |
| Tightening torque pigtail  | 0.6 Nm / 0.4 Nm |

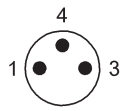
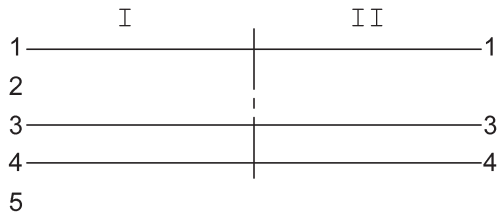
**Additional text**

E54661 RU AWM STYLE 20327 105C 300V 22 AWG/3 LL54185 CSA AWM I/II A/B105C 300V FT1  
 Raw cable: E101876 22AWG/3 (UL) PLTC 105C or AWM 20327 105C 300V  
 Flame-Retardant  
 Flame-Resistance FT1/VW-1  
 Cable Conductors according to UL-20327

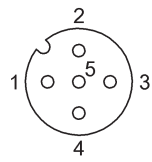
Connector/cable

**BCC M415-M313-3F-300-EX43T2-020**

**Order code: BCC05JK**



II



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