

- Female M8
- 90°angle



**General attributes**

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

**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**

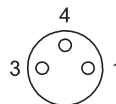
|                                 |                    |
|---------------------------------|--------------------|
| Acceleration max. (drag chain)  | 5 m/s <sup>2</sup> |
| Ambient temp. max. (fixed)      | 105 °C (UL 80 °C)  |
| Ambient temp. max. (moving)     | 105 °C (UL 80 °C)  |
| Ambient temp. max. (drag chain) | 60 °C              |
| Ambient temp. min. (fixed)      | -40 °C             |
| Ambient temp. min. (moving)     | -5 °C              |
| Ambient temp. min. (drag chain) | -5 °C              |
| Bending cycles                  | > 2 Mio.           |

|                                |                                |
|--------------------------------|--------------------------------|
| Bending radius fixed cable     | min. 5 x D                     |
| Bending radius tensioned cable | min. 10 x D                    |
| Cable diameter D               | 4.5 +/- 0.15 mm                |
| Cable jacket material          | PVC                            |
| Cable length L [m]             | 2.00 m                         |
| Conductor cross-section        | 0.34 mm <sup>2</sup>           |
| Connector configuration        | 90°angle                       |
| Connector type                 | M08x1                          |
| Connector type (Header I)      | Female M8                      |
| Contact material               | CuSn                           |
| Cover nut material             | GD-Zn                          |
| Drag chain compatible          | Yes                            |
| Grip material                  | PUR                            |
| Number of conductors           | 3                              |
| Number of female/male pins     | 3                              |
| Permiss.horizon. traverse dist | at 5 m/sec <sup>2</sup> 5 m    |
| Permiss.vert. traverse dist    | at 5 m/sec <sup>2</sup> 2 m    |
| System                         | molded                         |
| Tightening torque pigtail      | 0.4 Nm                         |
| Traverse speed max(drag chain) | at 5 m horiz. travel 200 m/min |

**Additional text**

Enclosure type accord. to IEC 60529, when threaded together with the appropriate counterpart.  
 Cable structure according to UL-AWM Style 2517

- 1 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_



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