



Model Number

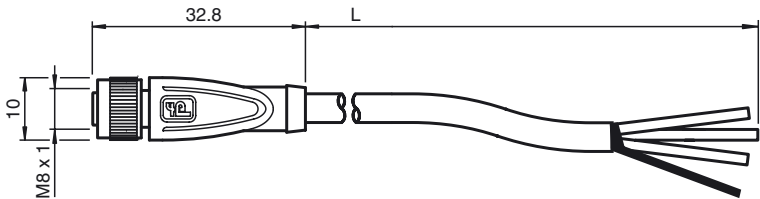
V3-GM-15M-PVC-ABG-Y263904

Female cordset single-ended, M8, 3-pin, shielded, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Cable printed with "MADE IN EU"

Dimensions



Technical data

General specifications

|                     |            |
|---------------------|------------|
| Number of pins      | 3 + shield |
| Connection 1        | socket     |
| Construction type 1 | straight   |
| Threading 1         | M8         |
| Connection 2        | cable end  |

Electrical specifications

|                    |                |                        |
|--------------------|----------------|------------------------|
| Operating voltage  | U <sub>B</sub> | max. 48 V AC / 60 V DC |
| Operating current  | I <sub>B</sub> | max. 3 A               |
| Contact resistance |                | < 10 mΩ                |

Ambient conditions

|                     |                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, fixed: -30 ... 80 °C (-22 ... 176 °F)<br>cable, flexing: -15 ... 80 °C (5 ... 176 °F) |
| Pollution degree    | 3                                                                                                                                    |

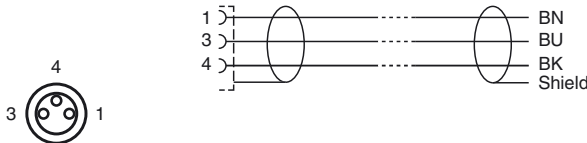
Mechanical specifications

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| Contact elements       | spring-loaded contact socket                                     |
| Pin diameter           | 1 mm                                                             |
| Degree of protection   | IP67                                                             |
| Material               |                                                                  |
| Contacts               | CuSn / Au                                                        |
| Contact surface        | Au                                                               |
| Body                   | TPU, black                                                       |
| Cable                  | PVC                                                              |
| Slotted nut            | Diecast zinc                                                     |
| Core insulation        | PP                                                               |
| Cable                  | fine-strand, flexible                                            |
| Sheath diameter        | Ø 4.8 mm                                                         |
| Bending radius         | > 10 x cable diameter, moving<br>5 x cable diameter, single bend |
| Color                  | grey                                                             |
| Number of cores        | 3                                                                |
| Core cross-section     | 0.34 mm <sup>2</sup>                                             |
| Conductor construction | 19 x 0.15 mm Ø                                                   |
| Shield                 | grid covering 85 %                                               |
| Length                 | L 15 m                                                           |
| Flammability           |                                                                  |
| Contact carrier        | HB                                                               |
| Housing                | V-2                                                              |

Compliance with standards and directives

|                      |               |
|----------------------|---------------|
| Standard conformity  |               |
| Degree of protection | EN 60529:2000 |
| Flammability         | Grip: UL 94   |

Electrical connection



Release date: 2019-07-15 14:08 Date of issue: 2019-07-15 263904\_eng.xml



Specification

connector M8 x 1 : IEC 61076-2-104

Release date: 2019-07-15 14:08 Date of issue: 2019-07-15 263904\_eng.xml