



Model Number

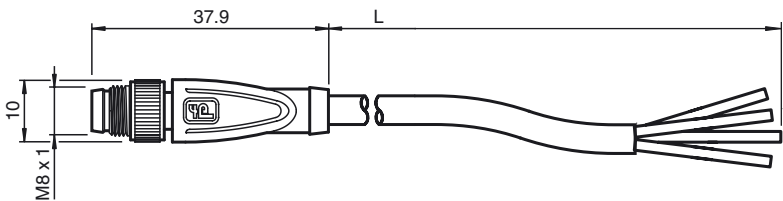
V3S-GM-0,2M-PUR

Cable connector, M8, 3-pin, PUR cable

Features

- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Resistant to microbes and hydrolysis
- Halogen-free

Dimensions



Technical data

General specifications

|                     |                |
|---------------------|----------------|
| Number of pins      | 3              |
| Connection 1        | Male connector |
| 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 | 40 ... 90 °C (104 ... 194 °F)<br>cable, fixed: -40 ... 80 °C (-40 ... 176 °F)<br>cable, flexing: -20 ... 80 °C (-4 ... 176 °F) |
| Pollution degree    | 3                                                                                                                              |

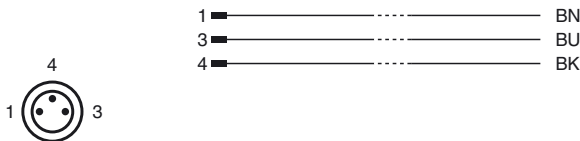
Mechanical specifications

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Pin diameter           | 1 mm                                                         |
| Degree of protection   | IP67                                                         |
| Material               |                                                              |
| Contacts               | CuSn / Au                                                    |
| Contact surface        | Au                                                           |
| Body                   | TPU, black                                                   |
| Cable                  | PUR                                                          |
| Sleeve connector       | Diecast zinc                                                 |
| Core insulation        | PP                                                           |
| Cable                  | fine-strand, flexible                                        |
| Sheath diameter        | Ø 4.3 mm                                                     |
| Bending radius         | > 15 x cable diameter, moving<br>> 8 x cable diameter, fixed |
| Color                  | grey                                                         |
| Cores                  | 3 x 0.25 mm <sup>2</sup>                                     |
| Conductor construction | 14 x 0.15 mm Ø                                               |
| Length                 | L 0.2 m                                                      |
| Flammability           |                                                              |
| Contact carrier        | 94 HB                                                        |
| Housing                | 94 V-2                                                       |

Compliance with standards and directives

|                      |                                    |
|----------------------|------------------------------------|
| Standard conformity  |                                    |
| Degree of protection | EN 60529:2000                      |
| Flammability         | Grip: UL 94                        |
| Specification        | connector M8 x 1 : IEC 61076-2-104 |

Electrical connection



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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