



Model Number

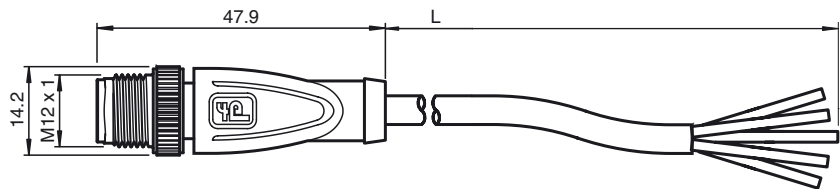
V15S-G-10M-PUR

Cable connector, M12, 5-pin, PUR cable

Features

- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology
- Halogen-free

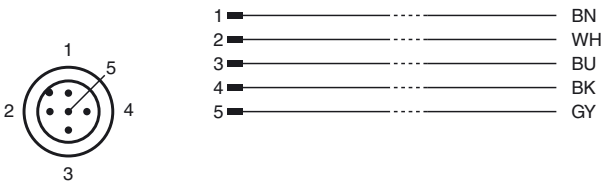
Dimensions



Technical data

|                                          |                |                                     |                                                                 |
|------------------------------------------|----------------|-------------------------------------|-----------------------------------------------------------------|
| General specifications                   |                |                                     |                                                                 |
| Number of pins                           |                | 5                                   |                                                                 |
| Connection 1                             |                | Male connector                      |                                                                 |
| Construction type 1                      |                | straight                            |                                                                 |
| Threading 1                              |                | M12                                 |                                                                 |
| 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. 4 A                            |                                                                 |
| Volume resistance                        |                | < 5 mΩ                              |                                                                 |
| Ambient conditions                       |                |                                     |                                                                 |
| Ambient temperature                      |                | -25 ... 100 °C (-13 ... 212 °F)     | for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution degree                         |                | 3                                   |                                                                 |
| Mechanical specifications                |                |                                     |                                                                 |
| Contact elements                         |                | spring-loaded contact socket        |                                                                 |
| Pin diameter                             |                | 1 mm                                |                                                                 |
| Degree of protection                     |                | IP67 / IP68 / IP69k                 |                                                                 |
| Material                                 |                |                                     |                                                                 |
| Contacts                                 |                | CuSn / Au                           |                                                                 |
| Contact surface                          |                | Au                                  |                                                                 |
| Body                                     |                | TPU, black                          |                                                                 |
| Cable                                    |                | PUR                                 |                                                                 |
| Sleeve connector                         |                | Diecast zinc                        |                                                                 |
| Core insulation                          |                | PP                                  |                                                                 |
| Cable                                    |                |                                     |                                                                 |
| Sheath diameter                          |                | Ø 4.8 mm                            |                                                                 |
| Bending radius                           |                | > 10 x cable diameter, moving       |                                                                 |
| Color                                    |                | grey                                |                                                                 |
| Number of cores                          |                | 5                                   |                                                                 |
| Core cross-section                       |                | 0.34 mm <sup>2</sup>                |                                                                 |
| Conductor construction                   |                | 19 x 0.15 mm Ø                      |                                                                 |
| Length                                   | L              | 10 m                                |                                                                 |
| Flammability                             |                |                                     |                                                                 |
| Contact carrier                          |                | 94 V-2                              |                                                                 |
| Housing                                  |                | 94 V-2                              |                                                                 |
| Compliance with standards and directives |                |                                     |                                                                 |
| Standard conformity                      |                |                                     |                                                                 |
| Specification                            |                | connector M12 x 1 : IEC 61076-2-101 |                                                                 |

Electrical connection



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