



Model Number

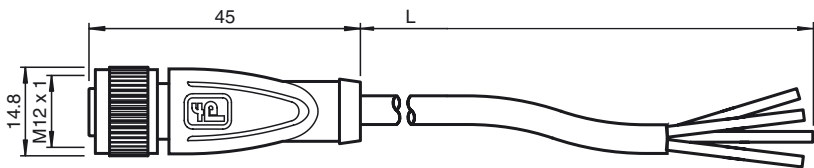
V1-G-N4-40M-PVC

Female cordset, M12, 4-pin, NAMUR, PVC cable

Features

- Suitable for NAMUR technology
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Blue sheath

Dimensions



Technical data

General specifications

|                |   |
|----------------|---|
| Number of pins | 4 |
|----------------|---|

Electrical specifications

|                    |                |                  |
|--------------------|----------------|------------------|
| Operating voltage  | U <sub>B</sub> | max. 250 V AC/DC |
| Operating current  | I <sub>B</sub> | max. 4 A         |
| Contact resistance |                | < 10 mΩ          |
| Inductance         |                | 0.55 mH / km     |
| Capacitance        |                | 88.3 nF / km     |

Ambient conditions

|                     |                                      |
|---------------------|--------------------------------------|
| Ambient temperature | Cable: -20 ... 70 °C (-4 ... 158 °F) |
| Pollution degree    | 3                                    |

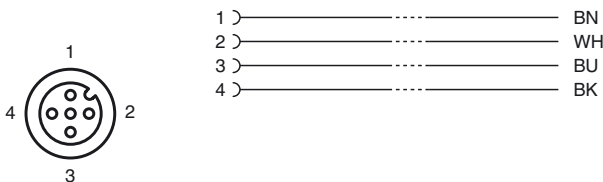
Mechanical specifications

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| Contact elements       | spring-loaded contact socket                                  |
| Pin diameter           | 1 mm                                                          |
| Degree of protection   | IP67 / IP68 / IP69k                                           |
| Cable code             | Li YY 4 x 0.34                                                |
| Material               |                                                               |
| Contacts               | CuSn / Au                                                     |
| Contact surface        | Au                                                            |
| Body                   | TPU, black                                                    |
| Cable                  | PVC                                                           |
| Slotted nut            | Diecast zinc                                                  |
| Core insulation        | PVC                                                           |
| Cable                  | fine-strand, flexible                                         |
| Sheath diameter        | Ø 4.8 mm                                                      |
| Bending radius         | > 10 x cable diameter, fixed<br>> 15 x cable diameter, moving |
| Color                  | blue                                                          |
| Cores                  | 4 x 0.34 mm <sup>2</sup>                                      |
| Conductor construction | 19 x 0.15 mm Ø                                                |
| Length                 | L 40 m                                                        |
| Flammability           |                                                               |
| Contact carrier        | 94 HB                                                         |
| Housing                | 94 V-2                                                        |

Compliance with standards and directives

|                      |                      |
|----------------------|----------------------|
| Standard conformity  |                      |
| Degree of protection | EN 60529:2000        |
| Standards            | IEC 61076-2-101:2008 |
| Flammability         | Grip: UL 94          |

Electrical connection



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