



### Model Number

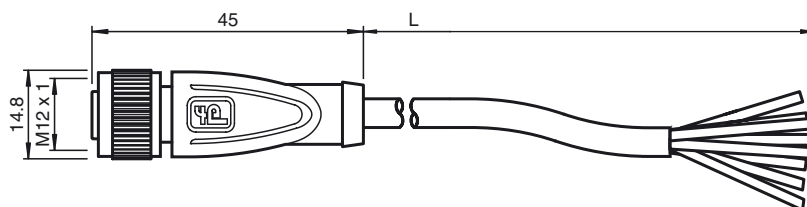
**V19-G-BK15M-PVC-U**

Female cordset, M12, 8-pin, PVC cable

### Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Degree of protection IP67 / IP68 / IP69K

### Dimensions



### Technical data

#### General specifications

|                |         |
|----------------|---------|
| Number of pins | 8       |
| UL File Number | E231213 |

#### Electrical specifications

|                   |       |                 |
|-------------------|-------|-----------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC |
| Operating current | $I_B$ | max. 2 A        |
| Volume resistance |       | < 5 mΩ          |

#### Ambient conditions

|                     |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, flexing: -20 ... 80 °C (-4 ... 176 °F)<br>cable, fixed: -40 ... 80 °C (-40 ... 176 °F) |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|

|                  |   |
|------------------|---|
| 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                  | PVC                                                                                   |
| Slotted nut            | Diecast zinc                                                                          |
| Seal                   | FKM                                                                                   |
| Core insulation        | PP                                                                                    |
| Cable                  | extra-fine wire, flexible                                                             |
| Sheath diameter        | Ø 6.3 mm                                                                              |
| Bending radius         | > 10 x cable diameter, appropriate for conveyor chains<br>> 5 x cable diameter, fixed |
| Color                  | black                                                                                 |
| Number of cores        | 8                                                                                     |
| Core cross-section     | 0.34 mm <sup>2</sup>                                                                  |
| Conductor construction | 42 x 0.1 mm Ø                                                                         |
| Length                 | L 15 m                                                                                |
| Flammability           |                                                                                       |
| Contact carrier        | HB                                                                                    |
| Housing                | V-2                                                                                   |

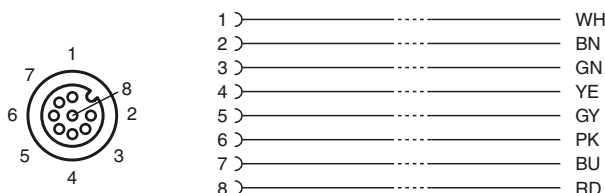
#### Compliance with standards and directives

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| Standard conformity  |                                                                |
| Degree of protection | EN 60529:2000                                                  |
| Flammability         | Grip: UL 94<br>Cable: UL 1581 Section 1100; IEC 60332-1-2:2004 |

#### Approvals and certificates

|             |                               |
|-------------|-------------------------------|
| UL approval | UL Recognized General purpose |
|-------------|-------------------------------|

### Electrical connection





Maximum permissible operating voltage  $\leq 30\text{ V}$

Maximum permissible ambient temperature  $\leq 80\text{ °C}$  ( $\leq 176\text{ °F}$ )

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