



### Model Number

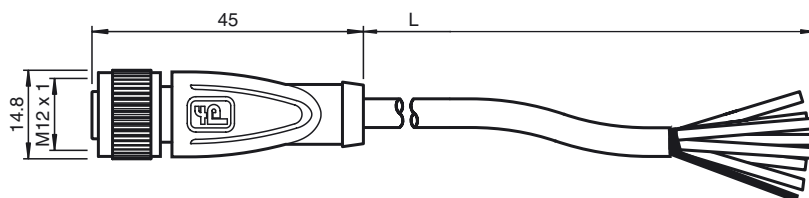
**V19-G-BK5M-PVC-U/ABG-Y279540**

Female cordset, M12, 8-pin, shielded, PVC cable

### Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut

### Dimensions



### Technical data

#### General specifications

|                     |            |
|---------------------|------------|
| Number of pins      | 8 + shield |
| Connection 1        | socket     |
| Construction type 1 | straight   |
| Threading 1         | M12        |
| Connection 2        | cable end  |
| UL File Number      | E231213    |

#### Electrical specifications

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

#### Ambient conditions

|                     |   |
|---------------------|---|
| Ambient temperature | -40 ... 90 °C (-40 ... 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

|                        |   |
|------------------------|---|
| Contact elements       | spring-loaded contact socket  |
| Pin diameter           | 0,8 mm  |
| Degree of protection   | IP67  |
| 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 6.2 mm  |
| Bending radius         | > 15 x cable diameter, moving<br>> 6 x cable diameter, fixed          |
| Color                  | black   |
| Number of cores        | 8   |
| Core cross-section     | 0.25 mm <sup>2</sup>  |
| Conductor construction | 14 x 0.15 mm Ø  |
| Shield                 | grid covering 85 %  |
| Length                 | L 5 m   |
| Flammability           |   |
| Contact carrier        | 94 HB   |
| Housing                | 94 V-2  |
| Note                   | Labeling sleeve for the cable not included; with "Made in EU" imprint |

#### Approvals and certificates

|             |  |
|-------------|--|
| UL approval | cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable) |
|-------------|--|

#### Electrical connection

