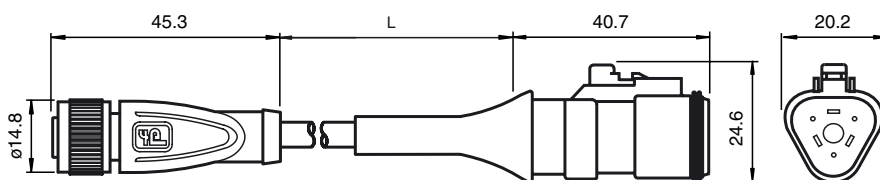


**Model Number****V11-G-BK1M-PUR-3DT06**

Cable socket, M12 to 3-pin Deutsch connector

**Features**

- Deutsch 3-pin, DT06 connector

**Dimensions****Technical data****General specifications**

|                |   |
|----------------|---|
| Number of pins | 3 |
|----------------|---|

**Electrical specifications**

|                   |       |                          |
|-------------------|-------|--------------------------|
| Operating voltage | $U_B$ | max. 250 V AC/DC         |
| Test voltage      |       | 1500 V <sub>eff</sub> AC |
| Operating current | $I_B$ | max. 4 A                 |
| Volume resistance |       | < 5 mΩ                   |

**Ambient conditions**

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -40 ... 90 °C (-40 ... 194 °F) |
| Pollution degree    | 3                              |

**Mechanical specifications**

|                      |                                                                                                               |     |
|----------------------|---------------------------------------------------------------------------------------------------------------|-----|
| Connection type      | Cable connector (M12 x 1) , Deutsch DT06 Connector with 1 m, PUR cable with Heat-shrinkable tube on Connector |     |
| Pin diameter         | 1 mm                                                                                                          |     |
| Degree of protection | IP68 / IP69K ( M12 Connector end )                                                                            |     |
| Material             |                                                                                                               |     |
| Contacts             | CuSn / Au                                                                                                     |     |
| Contact surface      | Au                                                                                                            |     |
| Body                 | TPU, black                                                                                                    |     |
| Cable                | PUR                                                                                                           |     |
| Slotted nut          | Diecast zinc                                                                                                  |     |
| Core insulation      | polypropylene                                                                                                 |     |
| Cable                | fine-strand, flexible                                                                                         |     |
| Sheath diameter      | Ø 6 mm                                                                                                        |     |
| Bending radius       | 10 x cable diameter                                                                                           |     |
| Color                | black                                                                                                         |     |
| Cores                | 3 x 0.75 mm <sup>2</sup>                                                                                      |     |
| Length               | L                                                                                                             | 1 m |
| Note                 | Connector : DT06-3S-CE13<br>Seal : W3S-P012<br>Contacts: (Reel) 1062-16-0622, (Loose) 0462-201-16141          |     |

**Electrical connection**