



### Model Number

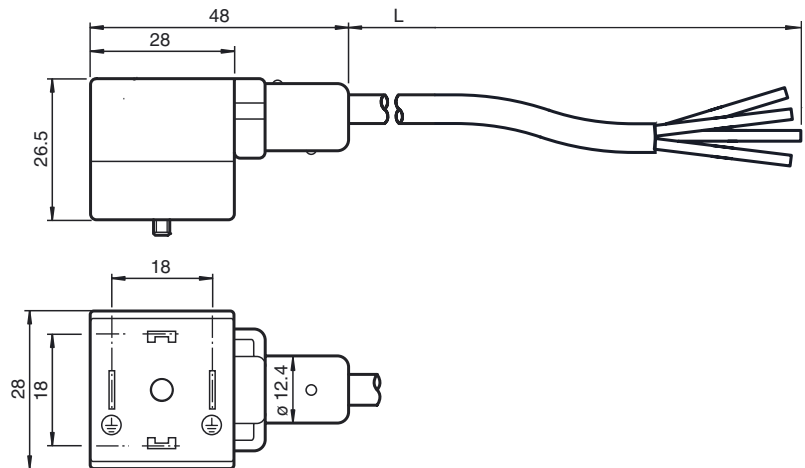
#### VMA-2+P/A-20M-PUR

Valve connector cordset, Form A, 2+PE, suppressor diode, switch amplifier, PUR cable

### Features

- Valve connector according EN 175301-803 A/ISO 4400 (previously DIN 43650)
- Amplifier
- Suppressor diode as a protective circuit
- Short-circuit protected
- Moulded seal
- freely selectable cable models due to bending protective earth

### Dimensions



### Technical data

#### General specifications

|                     |                     |
|---------------------|---------------------|
| Number of pins      | 2 + PE              |
| Connection 1        | Valve connector DIN |
| Construction type 1 | right angle         |
| Connection 2        | cable end           |

#### Indicators/operating means

|            |                    |
|------------|--------------------|
| LED yellow | Functional display |
|------------|--------------------|

#### Electrical specifications

|                   |       |          |
|-------------------|-------|----------|
| Operating voltage | $U_B$ | 24 V DC  |
| Operating current |       | max. 2 A |

#### Ambient conditions

|                     |   |
|---------------------|---|
| Ambient temperature | Body: -25 ... 90 °C (-13 ... 194 °F)<br>cable, flexing: -20 ... 80 °C (-4 ... 176 °F)<br>cable, fixed: -40 ... 80 °C (-40 ... 176 °F) |
|---------------------|---|

#### Mechanical specifications

|                   |  |
|-------------------|--|
| Protection degree | IP67   |
| Connection        | Valve connector Form A                                       |
| Material          |  |
| Body              | TPU, transparent   |
| Cable             | PUR  |
| Core insulation   | PVC  |
| Cable             | fine-strand, flexible  |
| Sheath diameter   | Ø 5.8 mm   |
| Bending radius    | > 10 x cable diameter, moving<br>> 5 x cable diameter, fixed |
| Color             | black  |
| Cores             | (3 + 1) x 0.75 mm <sup>2</sup>                               |
| Length            | L 20 m   |

#### Compliance with standards and directives

|                     |   |
|---------------------|---|
| Standard conformity |   |
| Flammability        | Cable: UL 758 / UL 1581 DIN EN†50265-2-1 IEC 60332-1-2:2005 |

#### Approvals and certificates

|   |                    |
|---|--------------------|
| UL approval                             | UL-Style 20549     |
| Maximum permissible operating voltage   | ≤ 300 V            |
| Maximum permissible ambient temperature | ≤ 80 °C (≤ 176 °F) |

### Electrical connection

