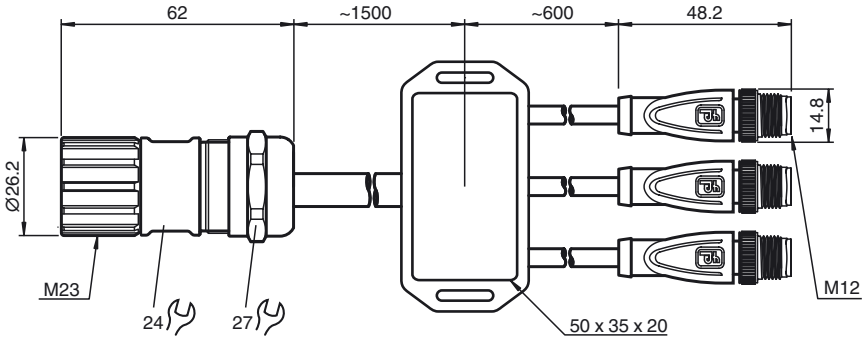
## Dimensions




## Technical data

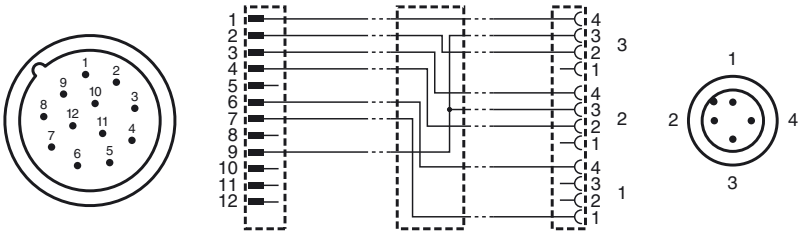
| | | |
|---|---|---|
| **General specifications** | | |
| Number of pins | | 8 |
| Connection 1 | | Male connector |
| Construction type 1 | | straight |
| Threading 1 | | M23 |
| Connection 2 | | Male connector |
| Construction type 2 | | straight |
| Threading 2 | | M12 |
| **Electrical specifications** | | |
| Operating voltage | $U_B$ | 250 V AC/DC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 mΩ |
| **Ambient conditions** | | |
| Ambient temperature | | -40 ... 70 °C (-40 ... 158 °F) |
| **Mechanical specifications** | | |
| Protection degree | | IP67 / IP68 / IP69k |
| Connection | | 1 x M23 socket, straight 3 x M12 socket, straight |
| Material | | |
| Contacts | | CuZn |
| Contact surface | | Ni/Au |
| Body | | M23: Diecast zinc<br>M12: TPU, green |
| Cable | | PUR, irradiated |
| Cable | | fine-strand, flexible |
| Sheath diameter | | Ø8.8 mm / Ø4.8 mm |
| Bending radius | | > 5 x cable diameter, induced |
| Color | | grey |
| Cores | | 10 x 0.34 $mm^2$<br>4 x 0.34 $mm^2$ |
| Conductor construction | | 42 x 0.1 mm / 19 x 0.15 mm Ø |

## Model Number

**V1S-G-0,5M-PUR-S-3T-1,5M-V23-G**

Y connection cable

## Electrical connection

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