



### Model Number

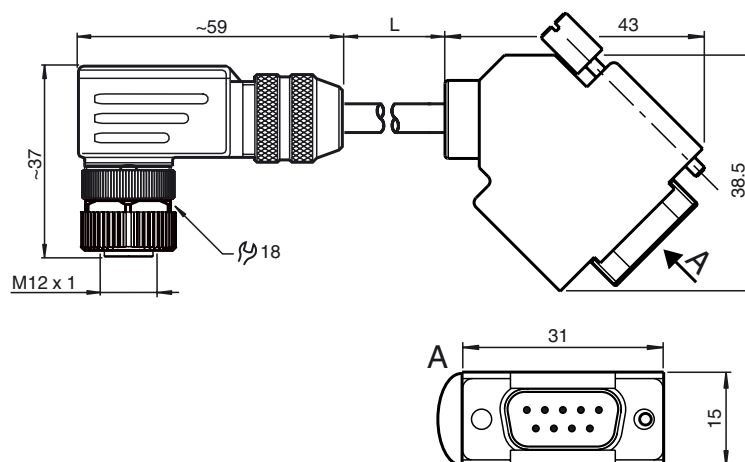
#### V19-W-3M-PUR-ABG-SUBD9-W-Y

Connection cable, M12 to SUB-D, PUR cable 8-pin, shielded

### Features

- Iris spring screening
- Metal housing
- Halogen-free
- Shield attached to coupling nut
- Bus termination resistor

### Dimensions



### Technical data

#### General specifications

|                     |                  |
|---------------------|------------------|
| Number of pins      | 8 + shield       |
| Connection 1        | female connector |
| Construction type 1 | right angle      |
| Threading 1         | M12              |
| Connection 2        | Male connector   |
| Construction type 2 | right angle      |
| Threading 2         | Sub-D            |

#### Electrical specifications

|                   |       |                            |
|-------------------|-------|----------------------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC            |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current |       | max. 1.5 A                 |
| Volume resistance |       | < 5 mΩ                     |

#### Ambient conditions

|                     |                               |
|---------------------|-------------------------------|
| Ambient temperature | -20 ... 80 °C (-4 ... 176 °F) |
| Pollution Degree    | 3                             |

#### Mechanical specifications

|                   |                                             |
|-------------------|---------------------------------------------|
| Contact elements  | spring-loaded contact socket, pins          |
| Pin diameter      | 1 mm                                        |
| Protection degree | IP20 (Sub-D connector)<br>IP67 (M12 socket) |

#### Material

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Contacts               | CuZn<br>Ni/Au                                         |
| Contact surface        | Au                                                    |
| Body                   | Zinc die-casting, nickel-plated<br>metallized plastic |
| Cable                  | PUR                                                   |
| Slotted nut            | Zinc die-casting, nickel-plated                       |
| Core insulation        | PP                                                    |
| Cable                  | fine-strand, flexible                                 |
| Sheath diameter        | Ø 6 mm                                                |
| Bending radius         | Cable, moving: 60 mm,<br>Cable, fixed: 30 mm          |
| Color                  | grey                                                  |
| Cores                  | 8 x 0.25 mm <sup>2</sup>                              |
| Conductor construction | 19 x 0.127 mm Ø                                       |
| Shield                 | grid covering 85 %                                    |
| Length                 | L                                                     |
| Flammability           |                                                       |
| Contact material       | 94 HB                                                 |
| Housing                | 94 V-2 / 94 V-0                                       |

### Electrical connection

