



### Model Number

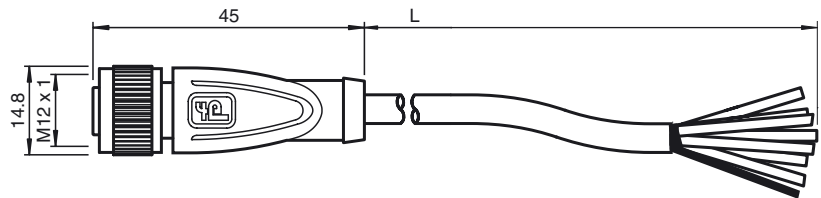
#### V17-G-10M-PUR

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

### Features

- Immunity to vibration, with mechanical latching
- Shield applied to Pin 8
- Gold plated contacts
- Halogen-free

### Dimensions



### Technical data

#### General specifications

Number of pins 7 + 1 x screen

#### Electrical specifications

Operating voltage  $U_B$  max. 30 V DC

Test voltage > 800 V<sub>eff</sub> AC

Operating current  $I_B$  max. 2 A

Volume resistance < 10 mΩ, Contact resistance 53 Ω/km

#### Ambient conditions

Ambient temperature cable, flexing: -5 to 70 °C (268 to 343 K),  
cable, fixed: -25 to 70 °C (248 to 343 K)

Pollution Degree 3

#### Mechanical specifications

Contact elements spring-loaded contact socket

Pin diameter 1 mm

Degree of protection IP67

#### Material

Contacts CuSn

Contact surface Au

Body TPU, black

Cable PUR

Slotted nut CuZn, nickel-plated

Core insulation PP

Cable fine-strand, flexible

Sheath diameter Ø 6 mm

Bending radius cable, flexing: 60 mm,  
cable, fixed: 30 mm

Color black

Cores 7 x 0.25 mm<sup>2</sup>

Conductor construction 19 x 0.13 mm Ø

Shield grid

Length L 10 m

#### Flammability

Contact material 94 HB

Housing 94 V-2

#### Compliance with standards and directives

##### Standard conformity

Degree of protection EN 60529:2000

Standards IEC 61076-2-101:2008

Flammability Grip: UL 94

### Electrical connection

