

### Model Number

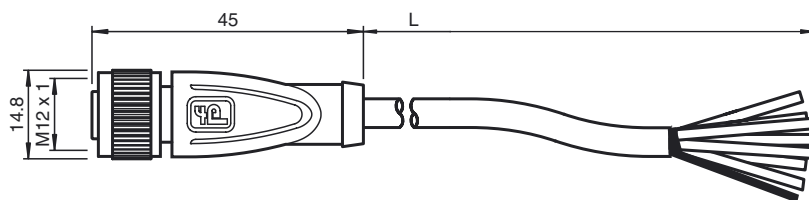
#### V17-G-3M-PUR

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  $> 800 V_{eff}$  AC

Operating current  $I_B$  max. 2 A

Volume resistance  $< 10 m\Omega$ , Contact resistance  $53 \Omega/km$

#### 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  $\varnothing$  6 mm

Bending radius  $> 10$  x cable diameter, moving

Color grey

Number of cores 8

Core cross-section  $0.25 mm^2$

Conductor construction  $14 \times 0.15 mm \varnothing$

Shield grid covering 85 %

Length L 3 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

