



### Model Number

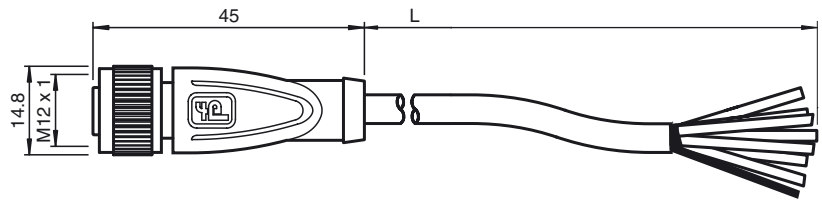
#### V19-G-20M-PUR-ABG

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

### Features

- Shield attached to coupling nut
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Knurled nut suitable for tool assembly
- Halogen-free

### Dimensions



### Technical data

#### General specifications

Number of pins 8 + shield

#### Electrical specifications

Operating voltage  $U_B$  max. 30 V AC/DC

Test voltage  $\geq 1500$  V

Operating current  $I_B$  max. 2 A

Volume resistance  $< 5$  m $\Omega$

#### Ambient conditions

Ambient temperature Body: -40 ... 90 °C (-40 ... 194 °F)

Cable: -20 ... 80 °C (-4 ... 176 °F)

Pollution degree 3

#### Mechanical specifications

Contact elements spring-loaded contact socket

Pin diameter 1 mm

Degree of protection IP67 / IP68 / IP69k

#### Material

Contacts CuSn / Au

Contact surface Au

Body TPU, black

Cable PUR

Slotted nut Diecast zinc

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<sup>2</sup>

Conductor construction 19 x 0.13 mm  $\varnothing$

Shield grid covering 85 %

Length L 20 m

#### Flammability

Contact carrier 94 HB

Housing 94 V-2

### Electrical connection

