



### Model Number

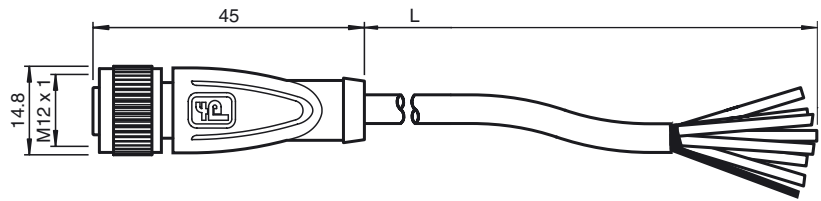
#### V17-G-5M-PUR

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
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 30 V DC
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 <sup>2</sup>
Conductor construction	14 x 0.15 mm $\varnothing$
Shield	grid covering 85 %
Length	L 5 m
Flammability	
Contact carrier	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

