



Model Number

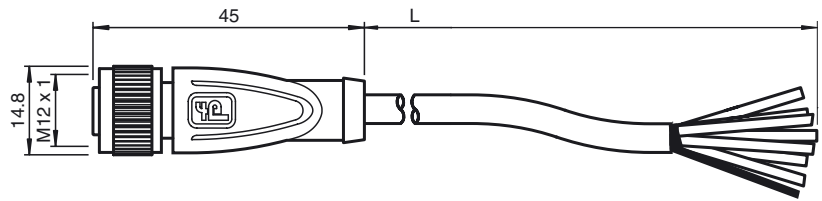
V17-G-20M-PUR

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 Ω , 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	\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 x 0.15 mm \varnothing	
Shield	grid covering 85 %	
Length	L	20 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

