



Model Number

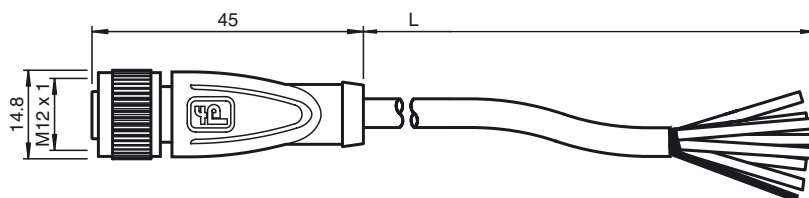
V17-G-20M-PUR

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. 300 V DC
Test voltage		> 800 V _{eff} AC
Operating current		max. 2 A
Volume resistance		< 10 mΩ, Contact resistance 53 Ω/km

Ambient conditions

Ambient temperature	Cable, moving: -5 to 70 °C (268 to 343 K), Cable, fixed: -25 to 70 °C (248 to 343 K)
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Pollution Degree	3
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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, moving: 60 mm, Cable, fixed: 30 mm

Color	black
Cores	7 x 0.25 mm ²
Conductor construction	19 x 0.13 mm Ø
Shield	grid
Length	L 20 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

