



Model Number

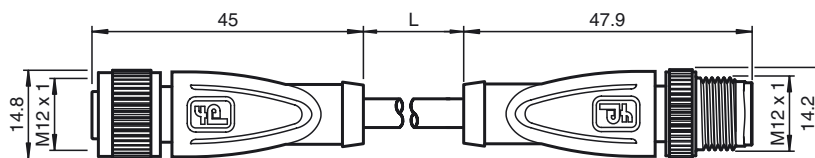
V15-G-1M-PUR-ABG-V15-G

Connecting cable, M12 to M12, 5-pin, shielded, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold plated contacts
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	5 + shield
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Electrical specifications

Operating voltage	U_B	max. 60 V AC/DC
Operating current	I_B	max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
Pollution Degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP

Cable

Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed

Color	grey
Cores	5 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Shield	grid covering 85 %
Length	L

Flammability

Contact carrier	HB
Housing	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

