



Model Number

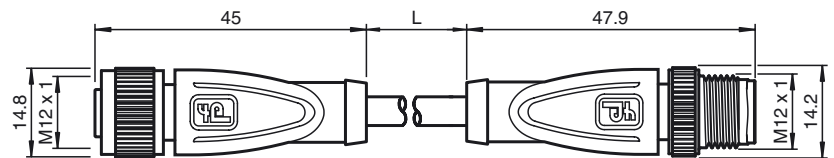
V1-G-42-10M-PVC-V1-G

Double-ended cordset, M12 to M12,
PVC cable, 4-pin, crossed

Features

- Pins 2 and 4 are crossed
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

Number of pins	4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current		max. 4 A
Contact resistance		< 10 mΩ

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 70 °C (-40 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F)
Pollution Degree	3

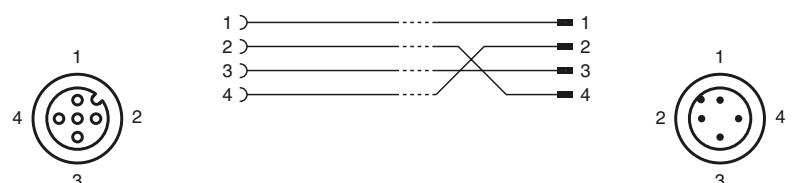
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67 / IP68 / IP69k
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PVC
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	grey
Cores	4 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L
Flammability	
Contact material	94 HB
Housing	94 V-2

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008

Electrical connection





Flammability

Grip: UL 94

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