



Model Number

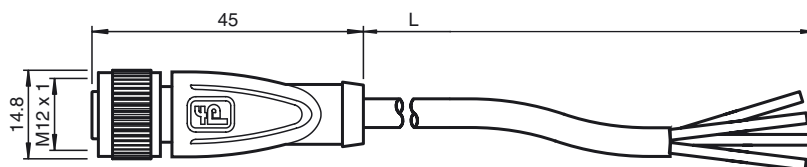
V1-G-BK2M-PVC-U

Female cordset, M12, 4-pin, PVC cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

Number of pins	4
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 250 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: -5 ... 80 °C (23 ... 176 °F)
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Pollution Degree	3
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Mechanical specifications

Contact elements	spring-loaded contact socket
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Pin diameter	1 mm
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Degree of protection	IP67 / IP68 / IP69k
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Material

Contacts	CuSn / Au
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Contact surface	Au
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Body	TPU, black
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Cable	PVC
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Slotted nut	Diecast zinc
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Core insulation	PVC
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Cable	fine-strand, flexible
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Sheath diameter	Ø 4.3 mm
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Bending radius	> 15 x cable diameter, induced > 5 x cable diameter, fixed
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Color	black
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Cores	4 x 0.34 mm ²
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Conductor construction	19 x 0.15 mm Ø
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Length	L	2 m
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Flammability

Contact material	HB
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Housing	V-2
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Cable	FT1
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Compliance with standards and directives

Standard conformity

Degree of protection	EN 60529:2000
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Standards	IEC 61076-2-101:2008
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Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
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Electrical connection

