



Model Number

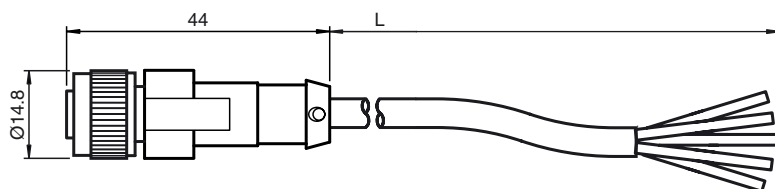
V15-G-BK10M-PUR-U

Cable socket, M12, 5-pin, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Halogen-free
- Appropriate for conveyor chains

Dimensions



Technical data

General specifications

Number of pins	5
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 60 V AC/DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-25 ... 90 °C (-13 ... 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
Protection degree	IP65 / IP68 / IP69K
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Seal	NBR
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	Ø 5 mm
Bending radius	> 50 mm
Color	dark grey (RAL 7021)
Cores	5 x 0.34 mm ² , 22 AWG
Conductor construction	42 x 0.1 mm Ø
Length	L 10 m

Electrical connection

