



Model Number

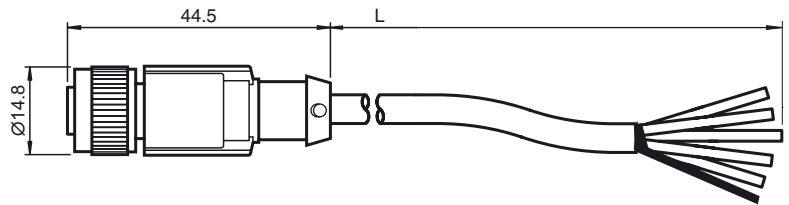
V15-G-BK10M-PUR-U/ABG

Female cordset, M12, 5-pin, shielded, PUR cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Halogen-free
- Suitable for drag chains
- Resistant to microbes and hydrolysis

Dimensions



Technical data

General specifications

Number of pins	5 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 4 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	Body: -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

Degree of protection	IP65 / IP67 / IP69K	
Material		
Contacts	CuSn	
Contact surface	Ni/Au	
Body	TPU	
Cable	PUR	
Slotted nut	Zinc die-casting, nickel-plated	
Seal	NBR	
Core insulation	PP	
Cable	extra-fine wire, flexible	
Sheath diameter	Ø 5.9 mm	
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed	
Color	black	
Cores	5 x 0.34 mm ² ; 22 AWG	
Conductor construction	42 x 0.1 mm Ø	
Shield	grid Tin-plated copper wires, 85% coverage	
Length	L	10 m
Flammability		
Cable		FT2

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Specification	connector M12 x 1 : IEC 61076-2-101

Approvals and certificates

UL approval	UL Recognized General purpose
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Electrical connection

