



Model Number

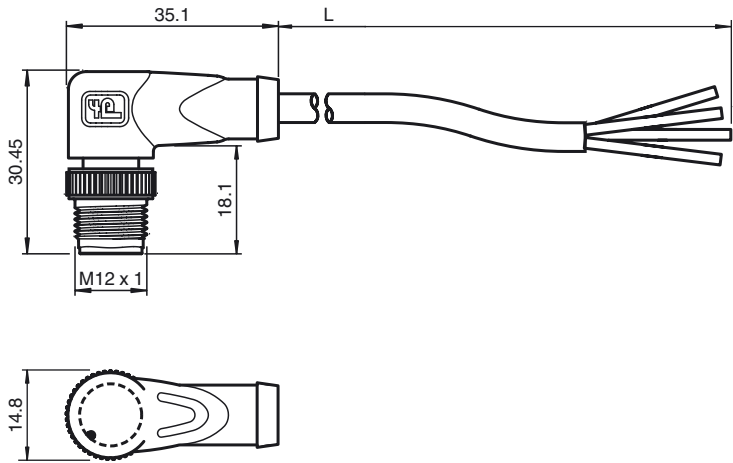
V1S-W-BK2M-PVC-U

Cable connector, M12, 4-pin, PVC cable

Features

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

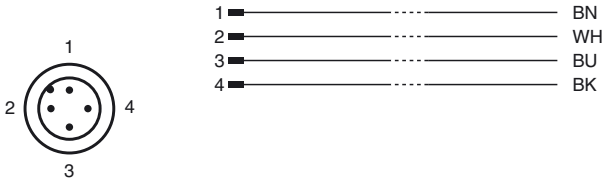
Dimensions



Technical data

General specifications		
Number of pins		4
Connection 1		Male connector
Construction type 1		right angle
Threading 1		M12
Connection 2		cable end
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)
Pollution degree		3
Mechanical specifications		
Pin diameter		1 mm
Degree of protection		IP67 / IP68 / IP69k
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, black
Cable		PVC
Sleeve connector		Diecast zinc
Core insulation		PVC
Cable		fine-strand, flexible
Sheath diameter		Ø 4.3 mm
Bending radius		> 15 x cable diameter, moving > 5 x cable diameter, fixed
Color		black
Number of cores		4
Core cross-section		0.34 mm ²
Conductor construction		19 x 0.15 mm Ø
Length	L	2 m
Flammability		
Contact carrier		94 HB
Housing		94 V-2
Cable		FT1
Compliance with standards and directives		
Standard conformity		
Degree of protection		EN 60529:2000
Standards		IEC 61076-2-101:2008

Electrical connection



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Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	IEC 60754-1:1994
Approvals and certificates	
UL approval	UL Recognized General purpose
Maximum permissible operating voltage ≤ 30 V	
Maximum permissible ambient temperature ≤ 80 °C (≤ 176 °F)	

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