



Model Number

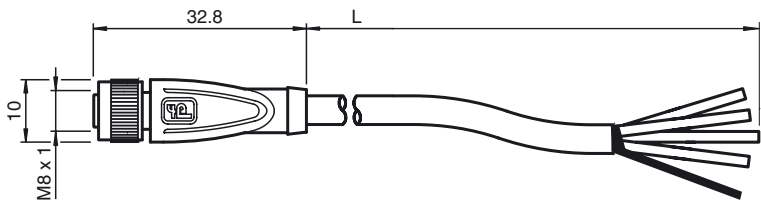
V31-GM-1,5M-PUR-ABG

Female cordset, M8, 4-pin, shielded, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Shield attached to coupling nut
- Halogen-free
- Suitable for 2- and 3-wire technology

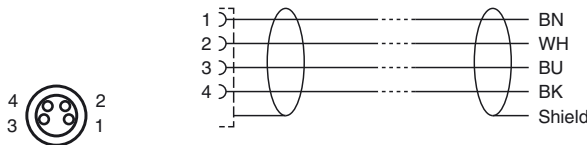
Dimensions



Technical data

General specifications			
Number of pins		4 + shield	
Connection 1		socket	
Construction type 1		straight	
Threading 1		M8	
Connection 2		cable end	
Electrical specifications			
Operating voltage	U _B	max. 30 V DC	
Operating current	I _B	max. 3 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: -25 ... 80 °C (-13 ... 176 °F)	
Pollution degree		3	
Mechanical specifications			
Contact elements		spring-loaded contact socket	
Pin diameter		1 mm	
Degree of protection		IP67	
Material			
Contacts		CuSn / Au	
Contact surface		Au	
Body		TPU, black	
Cable		PUR	
Slotted nut		Diecast zinc	
Core insulation		PP	
Cable			
Sheath diameter		Ø4.8 mm	
Bending radius		> 10 x cable diameter, moving	
Color		grey	
Number of cores		4	
Core cross-section		0.34 mm ²	
Conductor construction		19 x 0.15 mm Ø	
Shield		grid covering 85 %	
Length	L	1.5 m	
Flammability			
Contact carrier		94 HB	
Housing		94 V-2	
Compliance with standards and directives			
Standard conformity			
Degree of protection		EN 60529:2000	
Standards		IEC 61076-2-101:2008	
Flammability		Grip: UL 94	

Electrical connection



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Halogen-free

IEC 60754-1:1994/DIN VDE 0472-815

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