



Model Number

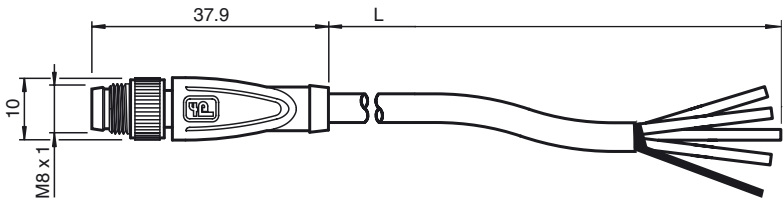
V31S-GM-5M-PUR-ABG

Single-ended male cordset, M8, 4-pin, shielded, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold plated contacts
- Halogen-free

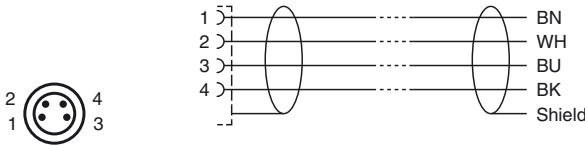
Dimensions



Technical data

General specifications		
Number of pins		4
Connection 1		Male connector
Construction type 1		straight
Threading 1		M8
Connection 2		cable end
Electrical specifications		
Operating voltage	U _B	max. 30 V AC/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
Sleeve connector		Diecast zinc
Core insulation		PP
Cable		fine-strand, flexible
Sheath diameter		Ø 4.8 mm
Bending radius		> 10 x cable diameter, moving 5 x cable diameter, single bend
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	5 m
Flammability		
Contact carrier		HB
Housing		V-2
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

Grip: UL 94