



Model Number

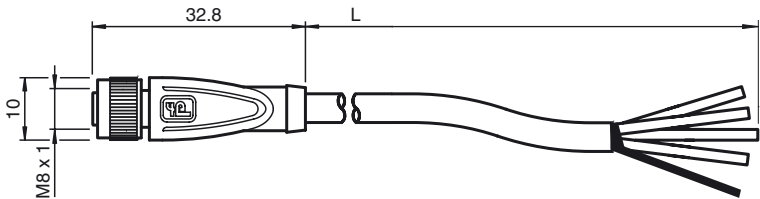
V31-GM-20M-PUR-ABG

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

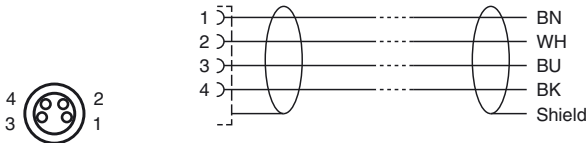
Mechanical specifications

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	fine-strand, flexible	
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	20 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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