

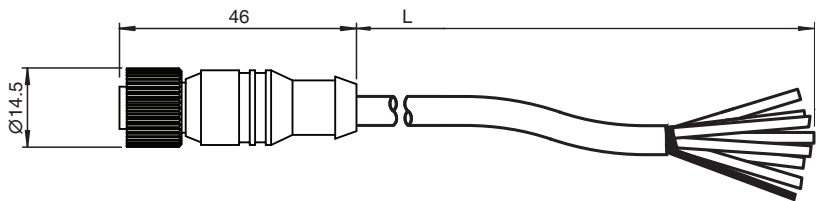


Cable socket, shielded

V19-G-20M-PUR-A5S-PCV

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Shield attached to coupling nut
- Halogen-free
- High flexibility
- For PCV SSI communication

Female cordset, M12, 8-pin, shielded, PUR cable



Technical Data

General specifications		
Number of pins		8 + shield
Connection 1		socket
Construction type 1		straight
Threading 1		M12
Connection 2		cable end
Electrical specifications		
Operating voltage	U _B	max. 60 V DC
Operating current	I _B	max. 2 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		-20 ... 80 °C (-4 ... 176 °F)
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		1 mm
Degree of protection		IP67
Material		

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Contacts	CuSn / Au	
Contact surface		Au
Body	TPU, black	
Cable	PUR	
Slotted nut	Diecast zinc	
Core insulation		PP
Cable	fine-strand, flexible	
Sheath diameter		Ø 6 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed	
Color		grey
Cores	6 x 0.25 mm ² twisted pairs	
Conductor construction		19 x 0.13 mm Ø
Shield	Foil tinned copper braiding	
Length	L	20 m
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Acceleration		max. 10 m/s ²
Torsional stress		± 360 °/m

Connection Assignment

