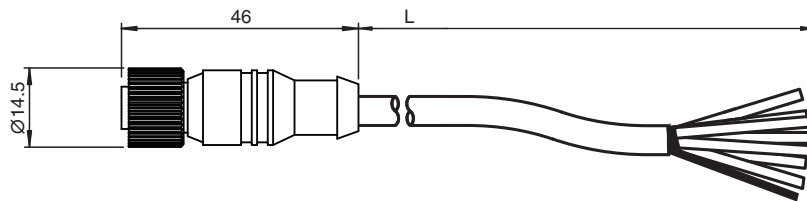




## Cable socket, shielded V19-G-20M-PUR-A5S-PCV

- 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 m $\Omega$

#### Ambient conditions

Ambient temperature	-20 ... 80 °C (-4 ... 176 °F)
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#### Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
Material	

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

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## 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 <sup>2</sup> 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 <sup>2</sup>	
Torsional stress	± 360 °/m	

## Connection Assignment

