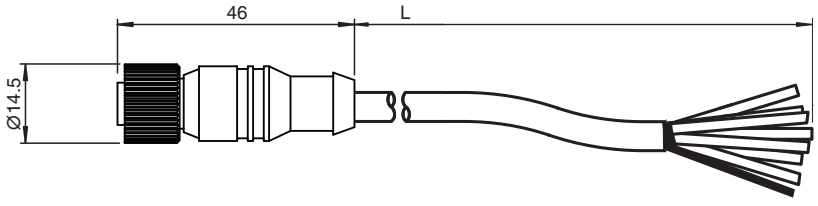
Cable socket, shielded

V19-G-30M-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		

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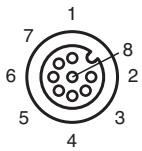
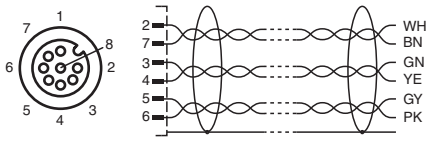
Technical Data

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 mm² twisted pairs
Conductor construction		19 x 0.13 mm Ø
Shield		Foil tinned copper braiding
Length	L	30 m
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Acceleration		max. 10 m/s²
Torsional stress		± 360 °/m

Connection Assignment





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