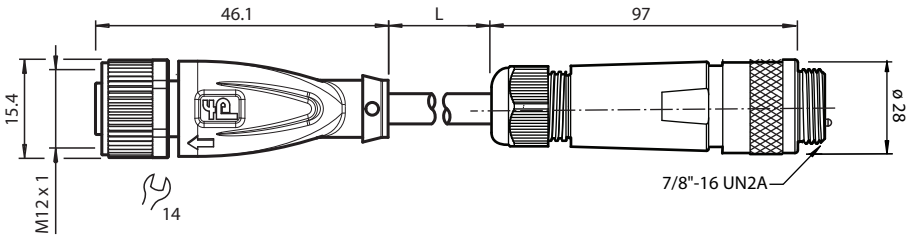
Connection cable
V1-G-BK5M-PVC-U-YV96S

Cordset M12 socket straight A-coded 4-pin to 7/8-16" plug straight A-coded 6-pin, PVC cable black

Dimensions



Technical Data

General specifications		
Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		plug
Construction type		7/8 inch - 16 UNF
Style		straight
Locking		screw connection
Number of pins		6
Coding		A-coded
Electrical specifications		
Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Ambient conditions		
Ambient temperature		
Connector 1		-40 ... 90 °C (-40 ... 194 °F)
Connector 2		-25 ... 80 °C (-13 ... 176 °F)
Cable, fixed installation		-25 ... 80 °C (-13 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Mechanical specifications		
Connector 1		
Tightening torque		0.6 Nm
Loosening protection		integrated
Tool installation		straight knurling and hexagon nut SW = 14 mm

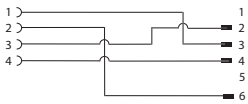
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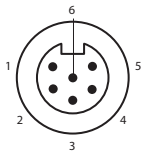
Technical Data

Mating cycles		min. 100
Degree of protection		IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, movable installation > 5 x cable diameter, fixed installation
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
Core cross section		0.34 mm²
Cores color		Core 1-3: brown Core 2-6: white Core 3-2: blue Core 4-4: black
Core construction		19 x 0.15 mm Ø
Length	L	5 m
Cable code		Li YY 4 x 0,34
Material		
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Connector 2		
Screw connection		brass nickel-plated
Body		PA, black
Seal		NBR
Contact surface		Au
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		FT1

Wiring Diagram







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