

Cable socket, shielded

V19-G-BK2M-PVC-U/ABG

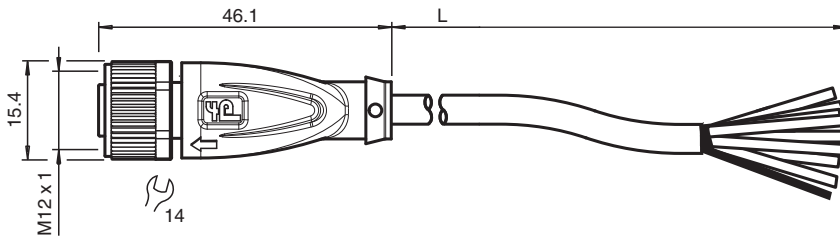


- Degree of protection IP68 / IP69
- Shield connected to screw connection
- UL listed for USA and Canada
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 straight A-coded, 8-pin, PVC cable black, shielded, UL approved



Dimensions



Technical Data

General specifications			
Connector 1			
Connection		socket	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		8	
Coding		A-coded	
Connector 2			
Connection		cable end	
Electrical specifications			
Operating voltage	U _B	max. 30 V AC/DC	
Operating current	I _B	max. 2 A	
Conformity			
Degree of protection		EN 60529	
Plug connection		connector M12 x 1 : IEC 61076-2-101	
Flammability		UL 758 / 1581 , IEC 60332-1-2	

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

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Technical Data

Approvals and certificates			
UL approval			AWM STYLE 2095 AWM I/II A/B 80°C 300V FT2 (cable)
UL File Number			E231213
Ambient conditions			
Ambient temperature			
Plug connector			-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed			-25 ... 70 °C (-13 ... 158 °F)
Cable, flexing			-15 ... 70 °C (5 ... 158 °F)
Pollution degree			3
Mechanical specifications			
Plug connector			
Tightening torque			0.6 Nm
Loosening protection			available
Tool installation			straight knurling and hexagon nut SW = 14 mm
Mating cycles			min. 100
Shielding			shield connected to screw connection
Degree of protection			IP68 / IP69
Cable			
Sheath diameter			6 mm
Bending radius			> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force			max. 80 N / 300 mm
Sheath color			black (similar to RAL 9005)
Number of cores			8
Core cross section			0.25 mm ²
Cores color			Core 1: white Core 2: brown Core 3: green Core 4: yellow Core 5: grey Core 6: pink Core 7: blue Core 8: red
Core construction			14 x 0.15 mm Ø
Shield			tinned copper braiding, 85 % coverage
Length		L	2 m
Cable code			Li Y CY 8 x 0,25
Material			
PWIS free			yes
Plug connector			
Screw connection			Zinc diecast, nickel-plated
Body			TPU, black
Seal			FKM
Contact surface			gold plated (Au)
Flammability			V-2
Cable			
Sheathing			PVC
Core insulation			PVC
Oil resistance			yes
Flammability			FT2

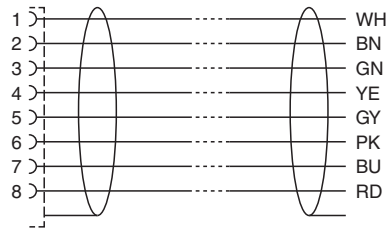
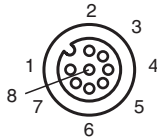
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Connection Assignment



Accessories

	MH V1-SCREWDRIVER	Torque screwdriver (0.6 Nm)
	MH V1-BIT M12	plug-in cap M12
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	MH V1-Holder	Modular universal holder for M12 connectors
	V1-CLIP	Unlocking protector for M12 connector
	V1-MARKING-RING-COLOR	Marking rings for M12 connectors, various colors