

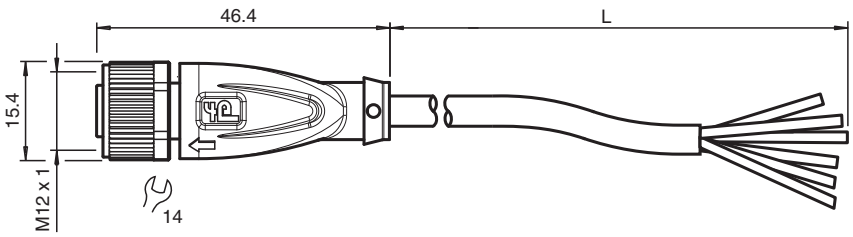
Female cordset

V19-G-BK15M-PUR-U-Y70176414

- Degree of protection IP66 / IP68 / IP69
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- UL listed for USA and Canada
- UV resistant
- Halogen-free
- Specific design protects against loosening and inaccurate installation
- Customer-specific configuration

Female cordset single-ended M12 straight A-coded, 8-pin, PUR cable 6-core black, UL approved

Dimensions



Technical Data

General specifications		
Customization		customer-specific pin assignment
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 1581; DIN EN 60332-2-2
Halogen-free		IEC 60754-1
Approvals and certificates		
UL approval		AWM STYLE 20549 AWM I A/B 80°C 300V FT2 (cable)
UL File Number		E231213
Ambient conditions		
Ambient temperature		

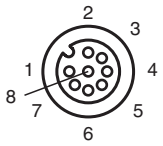
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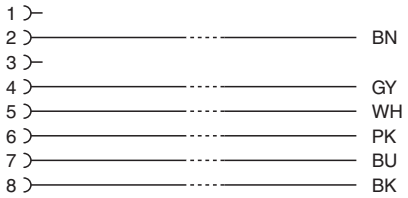
Technical Data

Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed installation		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-20 ... 80 °C (-4 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		integrated
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP66 / IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, movable installation > 8 x cable diameter, fixed installation
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		6
Core cross section		0.25 mm²
Cores color		Core 2: brown Core 4: grey Core 5: white Core 6: pink Core 7: blue Core 8: black
Core construction		14 x 0.15 mm Ø
Length	L	15 m
Cable code		Li 9Y 11Y 6 x 0,25
Mass		126.45 g
Material		
PWIS free		yes
Halogen-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		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

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Connection Assignment





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