

# Female cordset

V19-G-BK15M-PUR-U-Y70176414

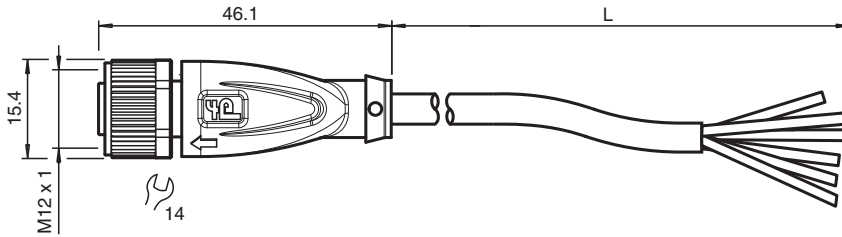


- Degree of protection IP68 / IP69
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- UL listed for USA and Canada
- UV resistant
- Halogen-free
- Specific design protects against loosening and inaccurate installation
- Customer-specific configuration

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

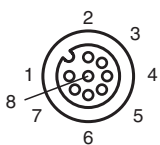
Ambient temperature		
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## Technical Data

Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-20 ... 80 °C (-4 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP68 / IP69
Cable		
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 8 x cable diameter, fixed
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		6
Core cross section		0.25 mm <sup>2</sup>
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
<b>Material</b>		
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
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

## Connection Assignment



1	—	
2	—	BN
3	—	
4	—	GY
5	—	WH
6	—	PK
7	—	BU
8	—	BK