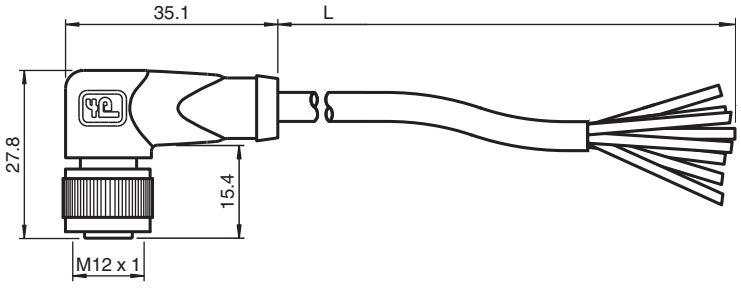
Female connector

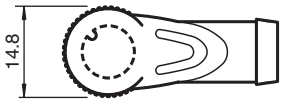
V19-W-BK20M-PUR-U

- Degree of protection IP67 / IP68 / IP69
- Free from substances that impair paint wetting
- Resistant to microbes and hydrolysis
- cURus approval
- UV resistant
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 angled A-coded, 8-pin, PUR cable black, UL approved, drag chain suitable, torsion resistant

Dimensions





Technical Data

General specifications		
Connector 1		
Connection		socket
Construction type		M12
Style		right angle
Locking		screw connection
Number of pins		8
Coding		A-coded
Connector 2		
Connection		cable end
UL File Number		E231213
Electrical specifications		
Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 2 A
Conformity		
Degree of protection		EN 60529

Release date: 2020-09-17 Date of issue: 2020-09-17 Filename: 239999-0008_eng.pdf

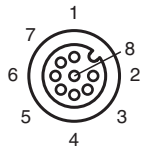
ПРОМЭЛЕКТРОНИКА / sales@prom-elec.com

Technical Data

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/II A/B 80°C 300V FT2 (cable)
Ambient conditions		
Ambient temperature		
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
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		6 mm
Bending radius		> 10 x cable diameter, moving > 8 x cable diameter, fixed
Sheath stripping force		max. 80 N / 500 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
Length	L	20 m
Cable code		Li 9Y 11Y 8 x 0,25
Material		
LABS free		yes
Halogen-free		yes
Plug connector		
Knurled screw connection		Zinc die-casting, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
UV resistance		yes
Chemical resistance		good
Oil resistance		yes
Cooling lubricant resistance		yes
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2

Release date: 2020-09-17 Date of issue: 2020-09-17 Filename: 239999-0008_eng.pdf

Connection Assignment



Release date: 2020-09-17 Date of issue: 2020-09-17 Filename: 239999-0008_eng.pdf