

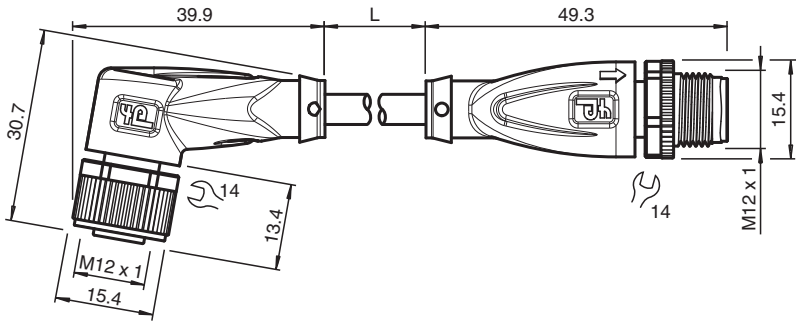
Connection cable

V19-W-BK15M-PUR-U-V19-G

- Suitable for drag chains and abrasion resistant
- Suitable for robotic applications / torsion resistant
- Degree of protection IP66 / IP68 / IP69
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- UL listed for USA and Canada
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket angled to M12 plug straight A-coded, 8-pin, PUR cable black, UL approved, drag chain suitable

Dimensions



Technical Data

General specifications		
Connector 1		
Connection		socket
Construction type		M12
Style		angled
Locking		screw connection
Number of pins		8
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		8
Coding		A-coded
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

Release date: 2026-09-04 Date of issue: 2026-09-04 Filename: 240776-100031_eng.pdf

Technical Data

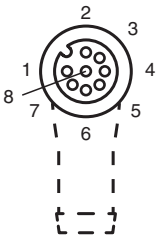
Flammability		UL 1581; DIN EN 60332-2-2
Halogen-free		IEC 60754-1
Approvals and certificates		
UL approval		AWM STYLE 20549 AWM I/II A/B 80°C 300V FT2 (cable)
UL File Number		E231213
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed installation		-40 ... 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 6
Sheath diameter		6 mm
Bending radius		> 10 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)
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		32 x 0.1 mm Ø
Length	L	15 m
Cable code		Li 9Y 11Y 8 x 0,25
Drag chain suitability		
Test temperature		25 °C (77 °F)
Drag chain cycles		min. 10000000
Motion velocity		max. 3 m/s
Traverse distance		max. 5 m
Acceleration		max. 5 m/s^2
Torsion cycles		min. 1000000
Torsional stress		± 180 °/m
Mass		719 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		

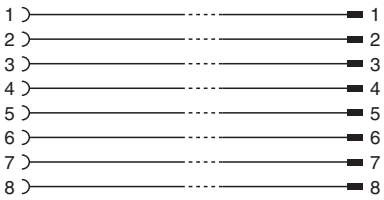
Release date: 2026-09-04 Date of issue: 2026-09-04 Filename: 240776-100031_eng.pdf

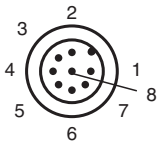
Technical Data

Sheathing		PUR based on polyether
Cores		bare copper (Cu)
Core insulation		PP
Microbial resistance		yes
Hydrolysis resistance		yes
Flammability		FT2
General information		
Cable marking sleeve		2x PUR transparent , fixed to cable

Connection Assignment







Release date: 2026-09-04 Date of issue: 2026-09-04 Filename: 240776-100031_eng.pdf