Cable socket, shielded

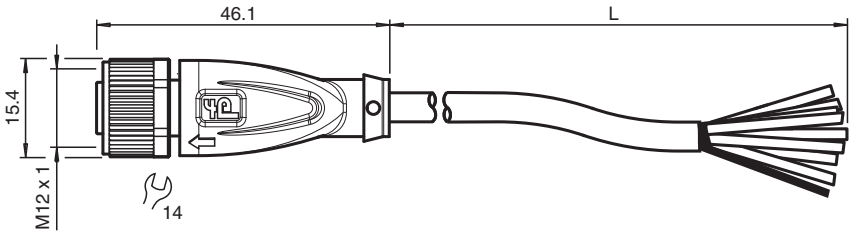
V19-G-BK5M-PVC-U/ABG-Y279540



- Degree of protection IP66 / IP68 / IP69
- Shield connected to screw connection
- UL listed for USA and Canada
- Specific design protects against loosening and inaccurate installation
- Customer-specific configuration

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

Dimensions



Technical Data

General specifications		
Customization		customer-specific printing without Cable marking sleeve
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
Volume resistance		< 5 mΩ
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Flammability		UL 758 / 1581 , IEC 60332-1-2
Approvals and certificates		
UL approval		AWM STYLE 2095 AWM I/II A/B 80°C 300V FT2 (cable)
UL File Number		E231213
Ambient conditions		

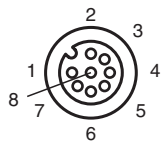
Release date: 2025-11-18 Date of issue: 2025-11-18 Filename: 279540_eng.pdf

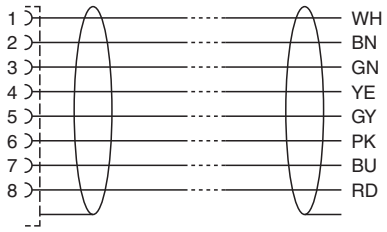
Technical Data

Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed installation		-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		IP66 / IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		6 mm
Bending radius		> 10 x cable diameter, movable installation > 5 x cable diameter, fixed installation
Sheath stripping force		max. 80 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		8
Core cross section		0.25 mm²
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	5 m
Cable code		Li Y CY 8 x 0,25
Mass		305 g
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
Cores		bare copper (Cu)
Core insulation		PVC
Oil resistance		yes
Flammability		FT2
General information		
Cable marking sleeve		none

Release date: 2025-11-18 Date of issue: 2025-11-18 Filename: 279540_eng.pdf

Connection Assignment





Release date: 2025-11-18 Date of issue: 2025-11-18 Filename: 279540_eng.pdf