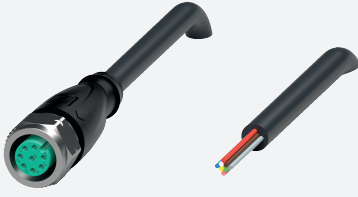


Female cordset

V19-GV4A-BK50M-PVC-U

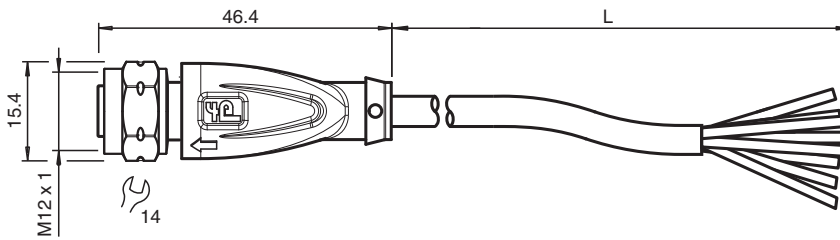


- Degree of protection IP68 / IP69
- UL listed for USA and Canada
- Screw connection stainless steel
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 straight stainless steel 1.4404, A-coded, 8-pin, PVC cable black, UL approved



Dimensions



Technical Data

General specifications

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 758 / 1581 , IEC 60332-1-2
Oil resistance	DIN EN 60811-2-1

Approvals and certificates

UL approval	AWM STYLE 2464 AWM I A/B 80°C 300V FT1 (cable)
UL File Number	E231213

Ambient conditions

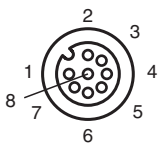
Ambient temperature	
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Release date: 2025-05-28 Date of issue: 2025-05-28 Filename: 70128170-100183_eng.pdf

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		hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		6.3 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		0.34 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		42 x 0.1 mm Ø
Length	L	50 m
Cable code		Li Y YM 8 x 0,34
Mass		3130 g
Material		
Plug connector		
Screw connection		Stainless steel 1.4404 / AISI 316L
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		FT1

Connection Assignment



1 )	.....	WH
2 )	.....	BN
3 )	.....	GN
4 )	.....	YE
5 )	.....	GY
6 )	.....	PK
7 )	.....	BU
8 )	.....	RD