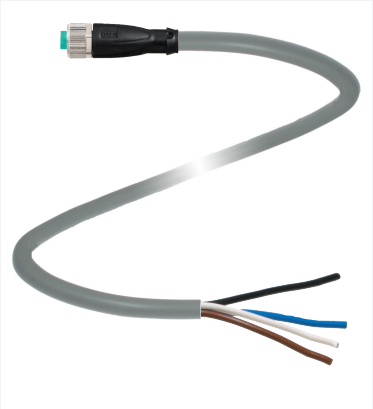


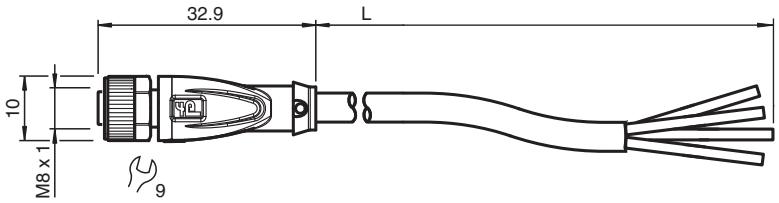
Female cordset

V31-GM-100M-PVC

- Degree of protection IP68
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M8 straight A-coded, 4-pin, PVC cable grey

Dimensions



Technical Data

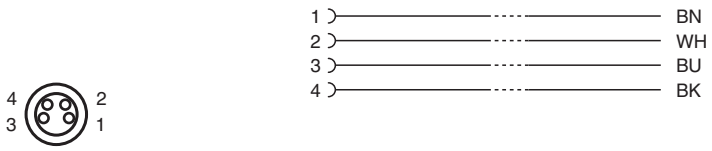
General specifications		
Connector 1		
Connection		socket
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		cable end
Electrical specifications		
Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 3 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M8 x 1 : IEC 61076-2-104
Ambient conditions		

Release date: 2022-03-19 Date of issue: 2022-03-19 Filename: 231953_eng.pdf

Technical Data

Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 70 °C (-40 ... 158 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 9 mm
Mating cycles		min. 100
Degree of protection		IP68
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 10 x cable diameter, fixed
Sheath stripping force		max. 80 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross section		0.25 mm^2
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	100 m
Cable code		Li YY 4 x 0,25
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		FKM
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame-resistant

Connection Assignment



Accessories

	MH V3-SCREWDRIVER	torque screwdriver (0.4 Nm)

Release date: 2022-03-19 Date of issue: 2022-03-19 Filename: 231953_eng.pdf

Accessories

	MH V3-BIT M8	plug-in cap for M8
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	MH V3-Holder	Modular universal holder for M8 connectors

Release date: 2022-03-19 Date of issue: 2022-03-19 Filename: 231953_eng.pdf