

# Connection cable

## V11-G-20M-PVC-V11-G



- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight to M12 plug straight A-coded, 3-pin, PVC cable grey



### Dimensions



### Technical Data

#### General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		3
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		3
Coding		A-coded

#### Electrical specifications

Operating voltage	$U_B$	max. 250 V AC/DC
Operating current	$I_B$	max. 4 A

#### Conformity

Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101

#### Ambient conditions

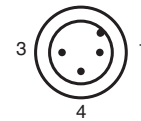
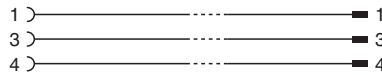
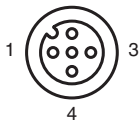
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)

Release date: 2024-07-20 Date of issue: 2024-07-20 Filename: 70128170-100182\_eng.pdf

### Technical Data

Cable, fixed		-25 ... 70 °C (-13 ... 158 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP68 / IP69
Cable		
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving
Sheath stripping force		max. 80 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		3
Core cross section		0.34 mm <sup>2</sup>
Coors color		Core 1: brown Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Length	L	20 m
Cable code		Li Y YM 3 x 0,34
<b>Material</b>		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame-resistant

### Connection



Release date: 2024-07-20 Date of issue: 2024-07-20 Filename: 70128170-100182\_eng.pdf