



Model Number

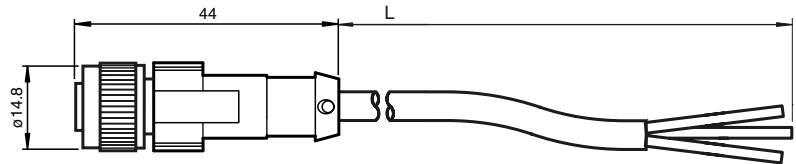
V12-G-YE20M-PVC-18

Connecting cable, 1/2" - 20 UNF, 3-pin, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP68/IP69K
- Suitable for 2-, 3- and 4-wire technology

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	female connector
Construction type 1	straight
Threading 1	1/2"
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 300 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

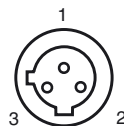
Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F) for temperatures over 80 °C (176 °F) reduced elongation at tear
Pollution Degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP68 / IP69K
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, yellow
Cable	PVC
Slotted nut	Diecast zinc
Core isolation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø5.9 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	yellow
Cores	3 x 0.75 mm ²
Conductor construction	42 x 0.15 mm
Length	L 20 m

Electrical connection



1	GN
2	RD/BK
3	RD/WH