



Model Number

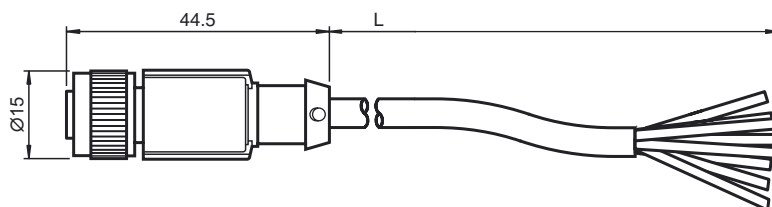
V19-G-20M-PVC

Female cordset, M12, 8-pin, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Dimensions



Technical data

General specifications

Number of pins	8
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 30 V DC
Operating current		max. 2 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	cable, flexing: -5 ... 70 °C (-238 ... 343 K), cable, fixed: -30 ... 70 °C (243 ... 343 K) Connector: -25 \hat{c} 90 °C (-13 \hat{c} 194 °F)
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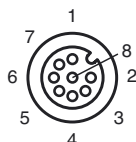
Mechanical specifications

Degree of protection	IP67
Material	
Contacts	CuZn
Contact surface	Ni/Au
Body	TPU, green
Cable	PVC
Slotted nut	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	\varnothing 5.2 mm
Color	black
Cores	8 x 0.34 mm ²
Conductor construction	42 x 0.1 mm \varnothing
Length	L 20 m

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000

Electrical connection



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