

Model Number

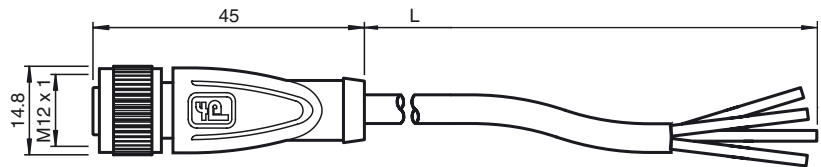
V1-G-N4-5M-PVC

Female cordset, M12, 4-pin, NAMUR, PVC cable

Features

- Suitable for NAMUR technology
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K
- Blue sheath

Dimensions



Technical data

General specifications

Number of pins	4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 250 V DC
Operating current		max. 4 A
Contact resistance		< 10 m Ω
Inductance		0.55 mH / km
Capacitance		88.3 nF / km

Ambient conditions

Ambient temperature	Cable: -20 ... 70 °C (-4 ... 158 °F)
Pollution Degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket	
Pin diameter	1 mm	
Protection degree	IP67 / IP68 / IP69K	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, black	
Cable	PVC	
Slotted nut	Diecast zinc	
Core insulation	PVC	
Cable	fine-strand, flexible	
Sheath diameter	\varnothing 4.8 mm	
Bending radius	> 10 x cable diameter, fixed > 15 x cable diameter, induced	
Color	blue	
Cores	4 x 0.34 mm ²	
Conductor construction	19 x 0.15 mm \varnothing	
Length	L	5 m
Flammability		
Contact material	94 HB	
Housing	94 V-2	

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94

Electrical connection

