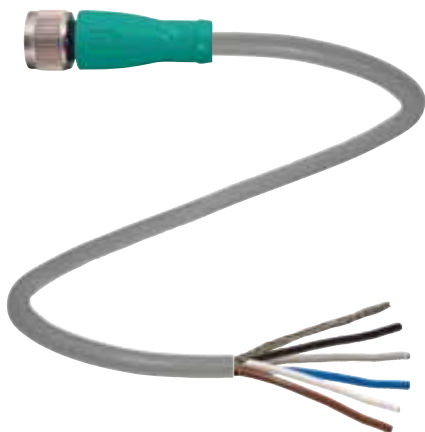




Model Number

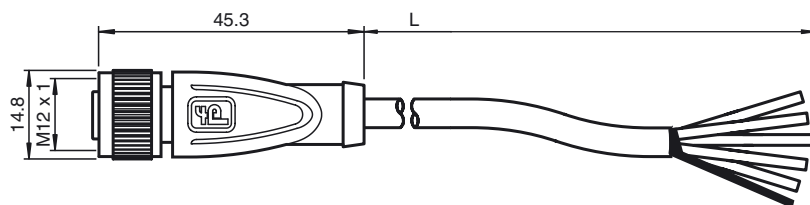
V15-G-12M-PUR-ABG

Cable socket, M12, 5-pin, shielded,
PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

Dimensions



Technical data

General specifications

Number of pins	5 + shield
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 60 V AC/DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) Cable, flexing: -25 ... 100 °C (-13 ... 212 °F) Cable, fixed: -25 ... 100 °C (-13 ... 212 °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, green	
Cable	PUR	
Slotted nut	Diecast zinc	
Core insulation	PP	
Cable	extra-fine wire, flexible	
Sheath diameter	Ø4.8 mm	
Bending radius	> 10 x cable diameter, moving	
Color	grey	
Cores	5 x 0.34 mm ²	
Conductor construction	42 x 0.1 mm Ø	
Shield	grid covering 85 %	
Length	L	12 m

Electrical connection

