



Model Number

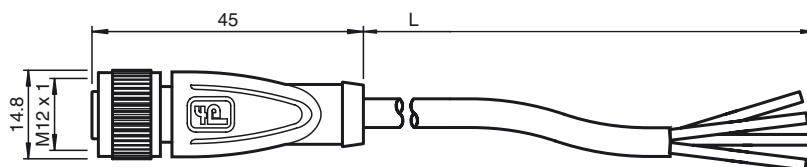
V1-G-BK10M-PUR

Cable socket, M12, 4-pin, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Halogen-free

Dimensions



Technical data

General specifications

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

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current		max. 4 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -40 ... 80 °C (-40 ... 176 °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	fine-strand, flexible	
Sheath diameter	\varnothing 4.8 mm	
Bending radius	> 10 x cable diameter, moving	
Color	black	
Cores	4 x 0.34 mm ²	
Conductor construction	19 x 0.15 mm \varnothing	
Length	L	10 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

Electrical connection

