

Model Number

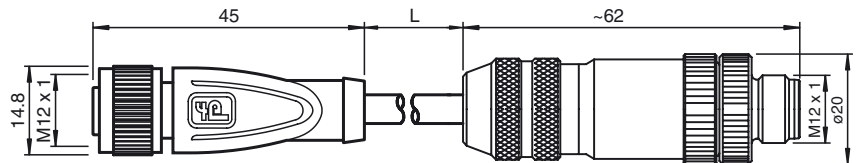
V1-G-3,5M-PUR-ABG-V15B-G

Adapter M12 x 1 A-coded to M12 x 1 B-coded

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold-plated and machined contacts
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	4 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

Electrical specifications

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

Ambient conditions

Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
Pollution Degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
Connection	4-pin, M12 x 1 connector, A-coded 5-pin, M12 x 1 connector, B-coded

Material

Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, green	
Cable	PUR	
Slotted nut	Diecast zinc	
Sleeve connector	Diecast zinc	
Core insulation	PP	
Cable	fine-strand, flexible	
Sheath diameter	Ø4.8 mm	
Bending radius	> 10 x cable diameter, moving	
Color	grey	
Cores	4 x 0.34 mm ²	
Conductor construction	19 x 0.15 mm Ø	
Shield	grid	
Length	L	3.5 m
Flammability		
Contact material	94 HB	
Housing	94 V-2	

Electrical connection

