



Model Number

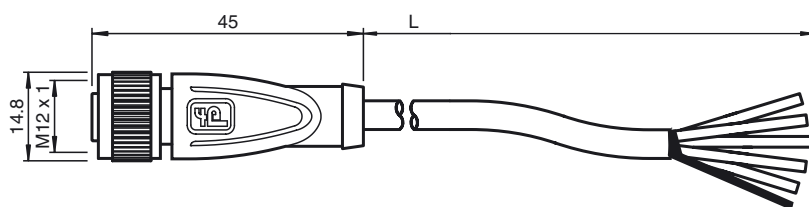
V15B-G-15M-PVC-TP

Female single-ended cordset M12, B-coded, 5-pin, shielded, twisted

Features

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

Dimensions



Technical data

General specifications

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

Electrical specifications

Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 4 A
Volume resistance		< 3 mΩ

Ambient conditions

Ambient temperature	cable, flexing: -5 ... 70 °C (23 ... 158 °F) cable, fixed: -30 ... 80 °C (-22 ... 176 °F)
Pollution degree	3

Mechanical specifications

Degree of protection	IP67
Connection	5-pin, M12 x 1 socket, B-coded
Material	
Contacts	CuSn
Contact surface	Au
Body	Zinc die-casting, nickel-plated
Cable	PVC
Slotted nut	Zinc die-casting, nickel-plated
Core insulation	PVC
Cable	4 pairs with 2 twisted strands each
Sheath diameter	Ø 6.2 mm
Bending radius	> 15 x cable diameter, moving > 6 x cable diameter, fixed
Color	grey
Cores	4 x 2 x 0.14 mm ²
Shield	grid
Length	L 15 m

Compliance with standards and directives

Standard conformity	
Specification	connector M12 x 1 : IEC 61076-2-101

Electrical connection

