



Model Number

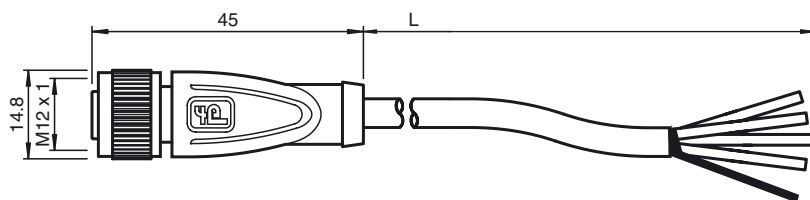
V15-G-BK5M-PUR-O2/CAN

Single-ended female cordset, M12, 4-pin, shielded PUR cable, outdoor

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Suitable for drag chains
- cURus approval (raw cable)
- UV resistant
- Resistant to microbes and hydrolysis
- Halogen-free
- Resistant to salt and sea water
- Degree of protection IP67 / IP68 / IP69K
- Gold plated contacts

Dimensions



Technical data

General specifications

Number of pins	4 + 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		< 5 m Ω

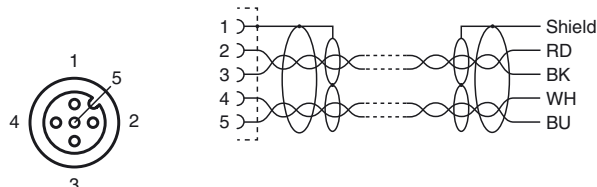
Ambient conditions

Ambient temperature	-25 ... 90 °C (-13 ... 194 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -30 ... 105 °C (-22 ... 221 °F)
Pollution degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69K
Cable code	SG [2(2 LI9Y 0.34 mm ²)]VICV111Y
Material	
Contacts	CuSn / Au
Contact surface	Ni/Au
Body	TPU, black
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Seal	FKM
Core insulation	PP
Cable	2 pairs with 2 strands for each core
Sheath diameter	\varnothing 6 mm \pm 0.2 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, single bend
Color	black
Number of cores	4
Core cross-section	0.34 mm ²
Conductor construction	19 x 0.15 mm \varnothing
Shield	grid covering 85 %
Length	L 5 m
Drag chain suitability	
Drag chain cycles	\geq 3000000
Motion velocity	\leq 2.5 m/s
Traverse distance	0.51 m
Acceleration	\leq 12 m/s ²
Flammability	

Electrical connection



Contact carrier	HB
Housing	V-2
Cable	FT2
Compliance with standards and directives	
Standard conformity	
Degree of protection	EN 60529:2000
Flammability	Grip: UL 94
Halogen-free	DIN VDE 0472 Part 15 (plastic) DIN EN 50267-2-1 (flue gas)
Chemical resistance	EN 60811-404: 168 h at 100° C
Specification	connector M12 x 1 : IEC 61076-2-101
Approvals and certificates	
UL approval	AWM STYLE 21924 105 °C 300V AWM I A/B 105 °C 300V FT2 (cable)