



Model Number

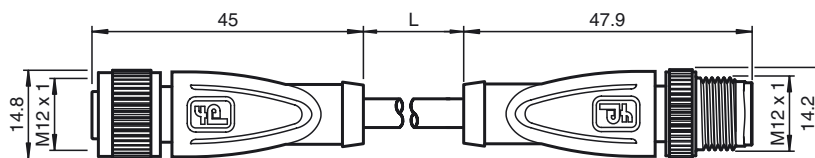
V19-G-3M-PUR-ABG-V15B-G

Connection cable, M12 to M12, 8/4-pin, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Halogen-free
- Protection degree IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

Number of pins	8/4
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. 30 V AC/DC
Operating current		max. 2 A
Contact resistance		< 10 mΩ

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °F) cable, fixed: -25 ... 80 °C (-13 ... 176 °F)
Pollution Degree	3

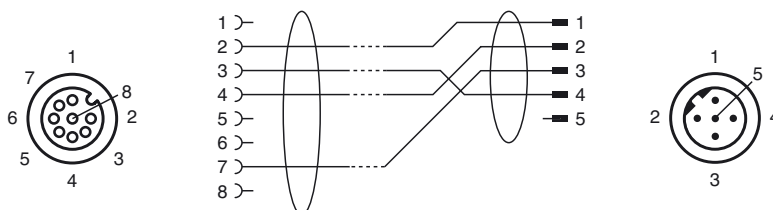
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67 / IP68 / IP69k
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving 5 x cable diameter, single bend
Color	grey
Cores	4 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L
Flammability	
Contact material	94 HB
Housing	94 V-2

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000

Electrical connection





Flammability

Grip: UL 94

Release date: 2013-12-05 09:01 Date of issue: 2013-12-05 240611_eng.xml