



Model Number

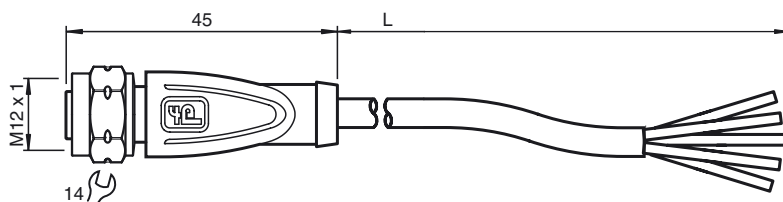
V15-GV4A-BK10M-PUR-U

Single-ended female cordset, M12, stainless steel V4A, 5-pin, PUR cable

Features

- UL Recognized Component
- Appropriate for conveyor chains
- Coupling nut V4A
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Flame resistant cable
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	5
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 60 V AC/DC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

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

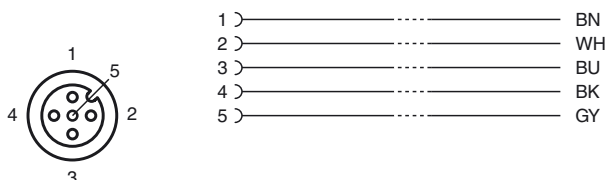
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67 / IP68 / IP69K
Material	
Contacts	CuSn
Contact surface	Ni/Au
Body	TPU, black
Cable	PUR
Slotted nut	Stainless steel 1.4435 / AISI 316L
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	Ø4.8 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains > 5 x cable diameter, fixed
Color	black
Cores	5 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L 10 m
Flammability	
Contact material	HB
Housing	V-2
Cable	FT2

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008

Electrical connection





Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	IEC†60754-1:1994
Approvals and certificates	
UL approval	UL Recognized General purpose
Maximum permissible operating voltage ≤ 30 V	
Maximum permissible ambient temperature ≤ 80 °C (≤ 176 °F)	

Release date: 2013-04-12 13:51 Date of issue: 2013-04-29 256042_eng.xml