



### Model Number

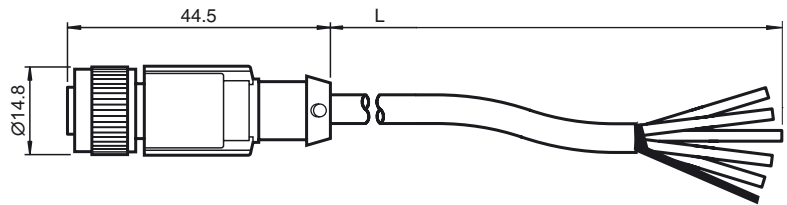
#### V15-G-BK5M-PUR-U/ABG

Female cordset, M12, 5-pin, shielded, PUR cable

### Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Halogen-free
- Suitable for drag chains
- Resistant to microbes and hydrolysis

### Dimensions



### Technical data

#### General specifications

Number of pins	5
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#### Electrical specifications

Operating voltage	$U_B$	max. 60 V AC/DC
Operating current	$I_B$	max. 4 A
Volume resistance		< 5 m $\Omega$

#### Ambient conditions

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

#### Mechanical specifications

Degree of protection	IP65 / IP67/ IP69K
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#### Material

Contacts	CuSn
Contact surface	Ni/Au
Body	TPU
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PP

#### Cable

Sheath diameter	$\varnothing$ 5.9 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black
Cores	5 x 0.34 mm <sup>2</sup> ; 22 AWG
Conductor construction	42 x 0.1 mm $\varnothing$
Shield	grid Tin-plated copper wires, 85% coverage
Length	L 5 m

#### Flammability

Cable	FT2
Mating cycles	100

#### Compliance with standards and directives

Standard conformity	
Halogen-free	IEC 60754-1:1994

#### Approvals and certificates

UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)
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### Electrical connection

