



### Model Number

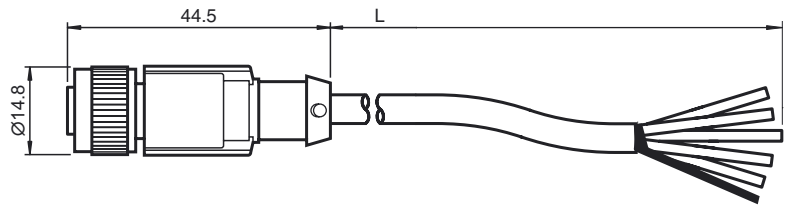
#### V15-G-BK5M-PUR-U/ABG

Cable socket, M12, 5-pin, shielded, PUR cable

### Features

- Flame resistant cable
- Halogen-free
- Appropriate for conveyor chains
- Resistant to microbes and hydrolysis
- UL Recognized Component

### Dimensions



### Technical data

#### General specifications

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

#### Electrical specifications

Operating voltage	$U_B$	max. 60 V AC/DC
Operating current		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

Protection degree	IP65 / IP67/ IP69K	
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	Ø 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 Ø	
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

