



### Model Number

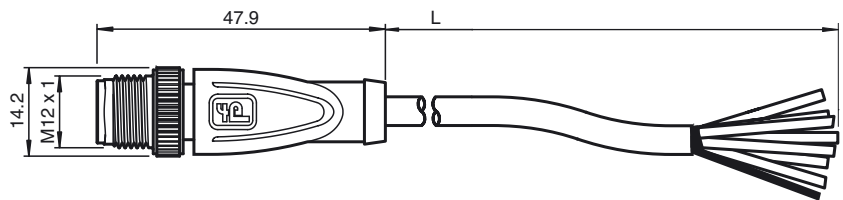
#### V19S-G-3M-PUR-ABG

Cable connector, M12, 8-pin, PUR cable, shielded

### Features

- Shield attached to coupling nut
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free

### Dimensions



### Technical data

#### General specifications

Number of pins	8 + shield
Connection 1	Male connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

#### 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: -20 ... 80 °C (-4 ... 176 °F)
Pollution Degree	3

#### Mechanical specifications

Contact elements	spring-loaded contact socket	
Pin diameter	1 mm	
Degree of protection	IP67 / IP68 / IP69K	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, black	
Cable	PUR	
Sleeve connector	Diecast zinc	
Core insulation	PP	
Cable	fine-strand, flexible	
Sheath diameter	Ø 6 mm	
Bending radius	> 10 x cable diameter, moving	
Color	grey	
Cores	8 x 0.25 mm <sup>2</sup>	
Conductor construction	14 x 0.15 mm Ø	
Shield	grid covering 85 %	
Length	L	3 m
Flammability		
Contact material	94 HB	
Housing	94 V-2	

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94

### Electrical connection

