



### Model Number

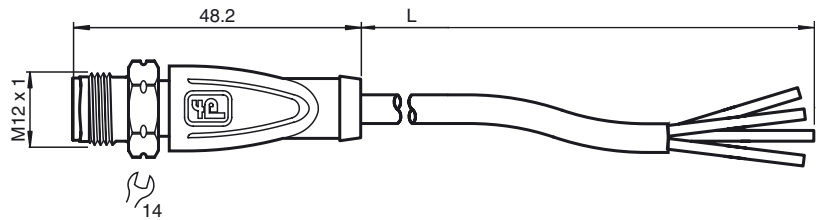
#### V1S-GV4A-20M-PVC

Single-ended male cordset, M12, 4-pin, PVC cable, stainless steel cap nut

### Features

- Screw terminal connection
- Stainless steel locking
- Gold plated contacts

### Dimensions



### Technical data

#### General specifications

Number of pins	4
Connection 1	Male connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 250 V AC/DC
Operating current	$I_B$	max. 4 A
Volume resistance		< 3 m $\Omega$

#### Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 70 °C (-40 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °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	PVC	
Sleeve connector	Stainless steel 1.4435 / AISI 316L	
Core insulation	PVC	
Cable	fine-strand, flexible	
Sheath diameter	Ø 4.8 mm	
Bending radius	> 10 x cable diameter, moving	
Color	grey	
Cores	4 x 0.34 mm <sup>2</sup>	
Conductor construction	19 x 0.15 mm Ø	
Length	L	10 m
Flammability		
Contact carrier	94 HB	
Housing	94 V-2	

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Flammability	Grip: UL 94 Lead: IEC 60332-2-2:2004

### Electrical connection

