



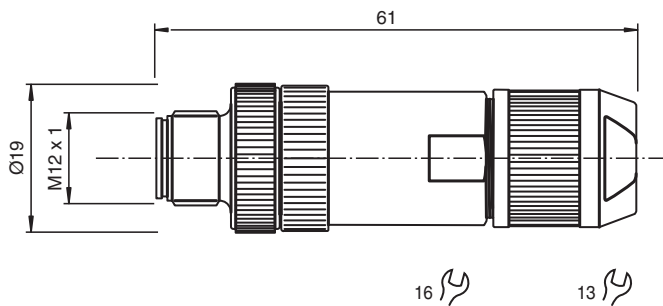
## Male connector, field-attachable V1SD-G-ABG-PG9-Q3

- D coding for Ethernet
- Conforms to PROFINET
- Field-attachable, shieldable
- Metal housing
- Insulation displacement connection
- Shield connected to connector

Male connector M12 straight D-coded 4-pin, shielded, for cable diameter 4 - 8 mm, field-attachable, insulation displacement connection



### Dimensions



### Technical Data

#### General specifications

Connector 1	
Connection	plug
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	4
Coding	D-coded

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 1.75 A
Insulation resistance		min. 100 M $\Omega$

#### Conformity

Degree of protection	EN 60529
Fieldbus standard	PROFINET
Plug connection	connector M12 x 1 : IEC 61076-2-101

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## Technical Data

Component category	CAT5 (IEC 11801)
Flammability	UL 94
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Pollution degree	3
<b>Mechanical specifications</b>	
Plug connector	
Tightening torque	0.4 Nm knurl / 0.8 Nm plug insert / 3.0 Nm pressure nut
Tool installation	straight knurling , SW = 16 mm , SW = 13 mm
Mating cycles	min. 100
Shielding	shield connected to connector
Degree of protection	IP67
Connection	Insulation displacement connection for 0.25 ... 0.34 mm <sup>2</sup>
<b>Cable</b>	
Sheath diameter	4 ... 8 mm
Core cross section	0.34 mm <sup>2</sup> / 22 AWG max.
Mass	44 g
<b>Material</b>	
Plug connector	
Screw connection	brass, nickel-plated
Body	Zinc diecast, nickel-plated
Seal	Neoprene
Contact surface	Ni/Au
Flammability	V-0

## Connection Assignment

