



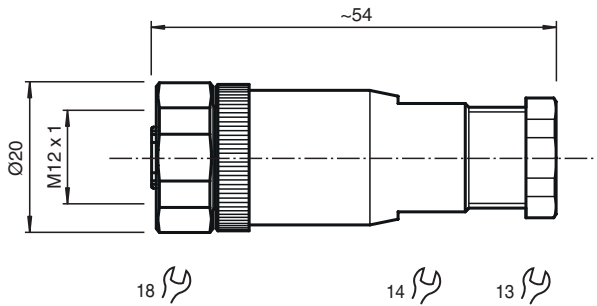
Female connector, field-attachable V1-GV4A-PG7

- Stainless steel coupling nut
- Screw terminal connection
- Screw connection suitable for tool assembly

Female connector M12 straight A-coded 4-pin, for cable diameter 4 - 6 mm, field-attachable, screw connection stainless steel



Dimensions



Technical Data

General specifications

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

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Surge protection		Category II
Insulation resistance		min. 100 M Ω

Conformity

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

Ambient conditions

Ambient temperature		-40 ... 85 °C (-40 ... 185 °F)
Pollution degree		3

Mechanical specifications

Plug connector		
Tightening torque		0.4 Nm

Release date: 2024-05-03 Date of issue: 2024-05-03 Filename: 70180111_eng.pdf

Technical Data

Tool installation	straight knurling , hexagon nut SW = 18 mm
Mating cycles	min. 100
Degree of protection	IP65 / IP67/ IP69K
Connection	screw terminals for 0.25 ... 0.75 mm ² / AWG 24 ... AWG 18 without wire end ferrule screw terminals for 0.14 ... 0.75 mm ² / AWG 26 ... AWG 20 with wire end ferrule PG7 cable gland
Cable	
Sheath diameter	4 ... 6 mm
Core cross section	0.75 mm ² / 20 AWG max.
Installation	screw terminals 0.2 Nm pressure nut 0.8 ... 1 Nm
Mass	26.3 g
Material	
Plug connector	
Screw connection	Stainless steel 1.4404 / AISI 316L
Body	PA, black
Seal	NBR
Contact surface	gold plated (Au)

Connection Assignment

