

## Female connector, field-attachable

### V1-G-ABG-PG9

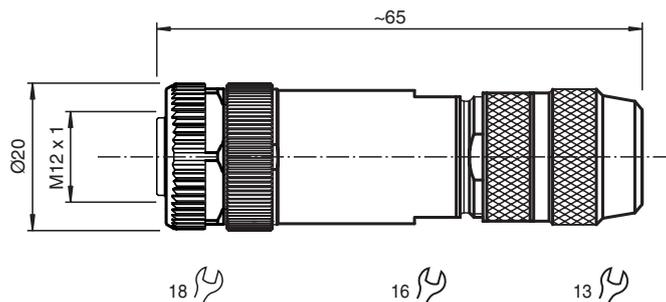


- Field-attachable, shieldable
- Metal housing
- Iris spring shielding
- Cable socket for read/write heads with M12 plug connections
- cURus approval

Female connector M12 straight A-coded 4-pin, for cable diameter 5 - 8 mm, shielded, field-attachable



## 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	$I_B$	4 A	
Insulation resistance		min. 100 MΩ	
Conformity			
Degree of protection		EN 60529	
Plug connection		connector M12 x 1 : IEC 61076-2-101	
Approvals and certificates			
UL File Number		E363587	

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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## Technical Data

### Ambient conditions

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

### Mechanical specifications

Plug connector	
Tightening torque	0.6 Nm
Tool installation	straight knurling , hexagon nut SW = 18 mm
Mating cycles	min. 100
Shielding	iris spring shielding
Degree of protection	IP67
Connection	screw terminals for max. 0.75 mm <sup>2</sup> / AWG 18
Cable	
Sheath diameter	5 ... 8 mm
Core cross section	0.75 mm <sup>2</sup> / 18 AWG max.
Mass	48.6 g

### Material

Plug connector	
Screw connection	Zinc diecast, nickel-plated
Body	Zinc diecast, nickel-plated
Seal	NBR , FKM
Contact surface	Au

## Connection Assignment

