

# Female connector, field-attachable

## V18-G

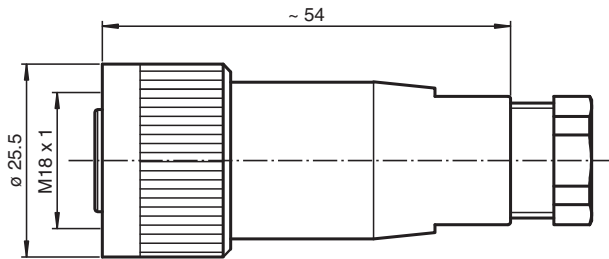


- Screw terminal connection
- UL Recognized Component

Female connector M12 straight 4-pin, for cable diameter 6.5 - 8 mm, field-attachable



### Dimensions



### Technical Data

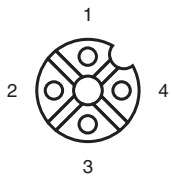
General specifications			
Connector 1			
Connection			socket
Construction type			M18
Style			straight
Locking			screw connection
Number of pins			4
Electrical specifications			
Operating voltage	$U_B$		max. 250 V
Operating current	$I_B$		max. 16 A
Surge protection			Category III
Insulation resistance			min. 100 M $\Omega$
Conformity			
Degree of protection			EN 60529
Approvals and certificates			
UL approval			
Maximum permissible operating current			max. 5 A

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## Technical Data

UL File Number	E363587
<b>Ambient conditions</b>	
Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
Pollution degree	3
<b>Mechanical specifications</b>	
Plug connector	
Tightening torque	0.6 Nm
Tool installation	straight knurling
Mating cycles	min. 50
Degree of protection	IP67
Connection	screw terminals for max. 1.5 mm <sup>2</sup> / AWG 16 PG9 cable gland
Cable	
Sheath diameter	6.5 ... 8 mm
Core cross section	1.5 mm <sup>2</sup> / 16 AWG max.
Mass	27 g
<b>Material</b>	
Plug connector	
Screw connection	PA
Body	PBT/PA
Contact surface	CuSnZn

## Connection Assignment



## Connection

