

Female connector, field-attachable

V31-GM

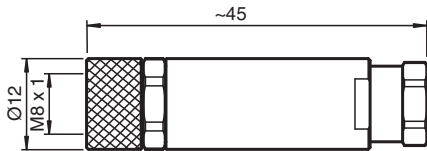


- Screw terminal connection
- Metal locking
- UL Recognized Component

Female connector M8 straight A-coded 4-pin, for cable diameter 3,5 - 5 mm, field-attachable



Dimensions



Technical Data

General specifications

Connector 1	
Connection	socket
Construction type	M8
Style	straight
Locking	screw connection
Number of pins	4
Coding	A-coded

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 4 A

Conformity

Degree of protection	EN 60529
Plug connection	connector M8 x 1 : IEC 61076-2-104

Approvals and certificates

UL File Number	E363587
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Ambient conditions

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

Mechanical specifications

Plug connector	
Tightening torque	0.5 Nm
Tool installation	cross-hatched knurling
Mating cycles	min. 100
Degree of protection	IP67
Connection	screw terminals for 0.14 ... 0.5 mm ² / AWG 26 ... AWG 20

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Technical Data

Cable	
Sheath diameter	3.5 ... 5 mm
Core cross section	0.5 mm ² / 20 AWG max.
Installation	screw terminals 0.4 Nm pressure nut 0.2 ... 0.3 Nm
Mass	11 g
Material	
Plug connector	
Screw connection	CuZn, nickel-plated
Body	PBT, black
Contact surface	gold plated (Au)

Connection Assignment



Connection

