

Field-attachable male connector

V45-G

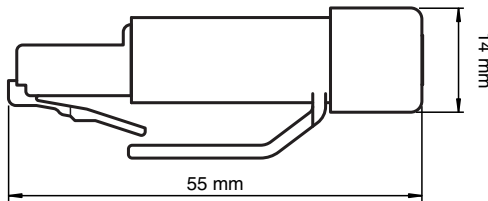


- Industrial Ethernet
- For PROFINET
- Field attachable
- All-round shielding (360°) for full EMC protection
- Insulation displacement connection
- Immunity to vibration, with mechanical latching

Male connector RJ45 straight 4-pin, Cat5, shielded, field-attachable



Dimensions



Technical Data

General specifications

Connector 1	
Connection	plug
Construction type	RJ45
Style	straight
Locking	Snap locking
Number of pins	4

Electrical specifications

Operating voltage	U_B	max. 50 V AC / 60 V DC
Operating current	I_B	max. 1 A

Conformity

Degree of protection	EN 60529
Transmission technology	Cat. 5 Class D up to 100 MHz
Plug connection	connector RJ45 : IEC 60603-7
Component category	CAT5 (IEC 11801)

Ambient conditions

Ambient temperature	-40 ... 70 °C (-40 ... 158 °F)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 PEPPERL+FUCHS

Technical Data

Mechanical specifications

Plug connector		
Loosening protection		available
Mating cycles		min. 750
Shielding		via Body
Degree of protection		IP20
Cable		
Sheath diameter		4.5 ... 9 mm
Core cross-section		solid: 0.26 ... 0.32 mm ² (23 ... 22 AWG) stranded: 0.22 ... 0.32 mm ² (24 ... 22 AWG)

Material

Plug connector		
Body		PA, black
Flammability		V-0