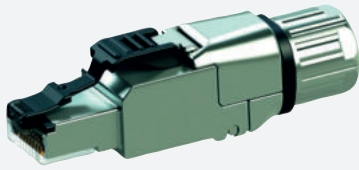


Male connector, field-attachable V45-G-ABG

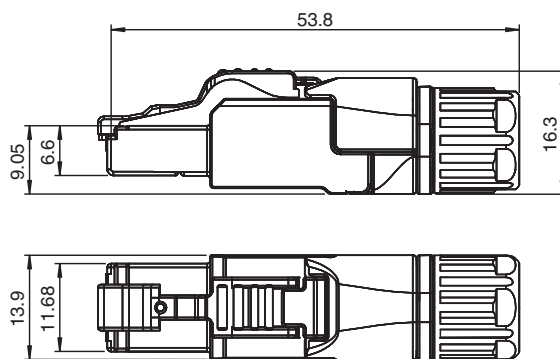


- Suitable for Gigabit Ethernet
- Field-attachable
- Sturdy metallic housing
- All-round shielding (360°) for full EMC protection
- Insulation displacement connection
- Immunity to vibration, with mechanical latching

Male connector RJ45 straight 8-pin, Cat6A, shielded, field-attachable, insulation displacement connection



Dimensions



Technical Data

General specifications

Connector 1	
Connection	plug
Construction type	RJ45
Style	straight
Locking	snap locking
Number of pins	8

Electrical specifications

Operating voltage	U_B	max. 50 V AC / 60 V DC
Operating current	I_B	max. 1 A
Contact resistance		max. 20 mΩ
Insulation resistance		min. 500 MΩ

Conformity

Degree of protection	EN 60529
Fieldbus standard	IEEE 802.3an 10GBASE-T
Transmission technology	suitable for PoE+ Power over Ethernet IEEE 802.3at
Plug connection	connector RJ45 : IEC 60603-7-51

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

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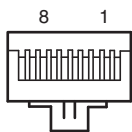
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PEPPERL+FUCHS

Technical Data

Component category		CAT6A (IEC 11801, EN 50173)
Ambient conditions		
Ambient temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Plug connector		
Loosening protection		available
Mating cycles		min. 750
Shielding		via Body
Degree of protection		IP20
Connection		Wire manager included with delivery
Cable		
Sheath diameter		5.5 ... 10 mm
Core cross section		solid: 0.25 ... 0.34 mm² (24 ... 22/1 AWG) stranded: 0.10 ... 0.34 mm² (27 ... 22/7 AWG)
Mass		35.59 g
Material		
Plug connector		
Body		Zinc diecast, nickel-plated
Contact surface		Au / Ni

Connection Assignment



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