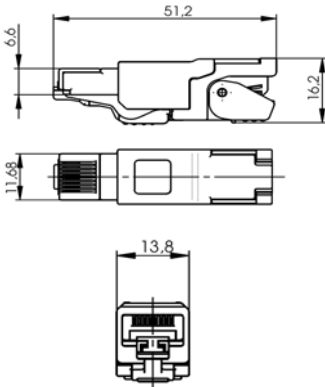


Industrial connector RJ45
Full metall housing, quick connection AWG 27-22
IP 20; category 6_A ; 8-poles

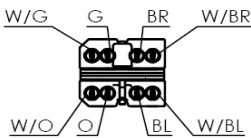


Dimensions

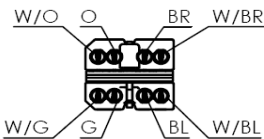


Pin assignment

TIA 568A



TIA 568B



Description	Part number	Type	PU	
TIA 568 B	8pol.	490128	RJ45-M 8pol. Cat.6A T568B	1
TIA 568 A	8pol.	490129	RJ45-M 8pol. Cat.6A T568A	1

Technical data

Rated voltage	30 V
Voltage range	-
Max. rated current per contact	1,0 A
Number of terminations	8
Cable length (m)	-
Transmission frequency	10 G Bit/sec
Category	6A (ISO/IEC 11801; DIN EN 50173-1)
Contact type	Piercing contact
Shielding	yes

General data

Housing style	RJ45 (IEC 60603-7-51)
Rated insulation voltage (EN 50178)	-
Test voltage	-
Pollution degree	1
Insulation resistance	≥ 500 MΩ
Contact resistance	≤ 20 mΩ
Flammability according to UL94	V0
IP rating	IP 20
Housing material	
Cover	PBT black
Contact material	spring steel, 0,8µm gold plated
Field installation	-
Installation depth	-

Cable sheath	-
Cable diameter	5,0 - 9,0 mm
Cross section	AWG 24/1 - 22/1; AWG 27/7 - 22/7
Operation temperature range	-40°C - 70°C
Storage temperature range	-40°C - 70°C
Mechanical service life	≥ 750 insertion cycles
Dimension (LxWxD)	13,8 x 16,2 x 53,1 mm
Weight (kg/pcs)	0,025
Approvals	-
Standards	IEC 60603-7-51

Note	Adequate for Profinet, SERCOS 3, Ethercat, Ethernet/IP, Powerlink, VARAN Power over Ethernet+ (PoE+ IEEE 802.3at)
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