

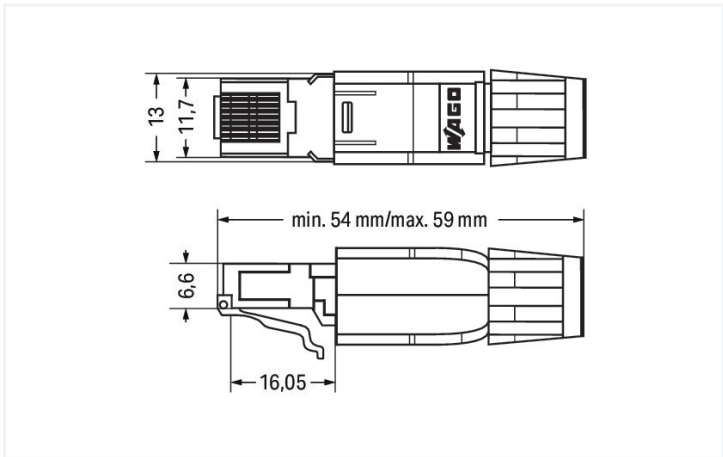


Color: ■ light gray



Pin assignment TIA-568A

	Color	pair of wires	
1	Green stripped	3	
.	Green		
.	Orange stripped	2	
.	Blue		
.	Blue stripped		1
.	Orange		
.	Brown stripped	4	
8	Brown		



Dimensions in mm

Versatile RJ-45 connector for industrial, office and building wiring applications.

This compact RJ-45 ETHERNET Connector uses IDC technology for easy field assembly. Conductor termination is performed without any tools. The connector is compliant with all required standards. Large conductor cross-sections can also be connected. The connector complies with Category 5e.



Technical data		
Connection type	RJ-45 plug	
Pole number	8	
Cable connection direction to mating direction	0 °	
Communication/fieldbus	ETHERNET	
Code	TIA-568A	
Transmission rate	1000 Mbit/s	
Insulation resistance	(100 V) > 1 GΩ	
Contact resistance	(Wire – IDC) < 1 mΩ; (Strand – IDC) < 5 mΩ	

Connection Data		
Connection type	IDC contact	
Solid conductor	0.13 ... 0.24 mm² / 26/1 ... 23/1 AWG	
Stranded conductor	0.14 ... 0.36 mm² / 26/7 ... 22/7 AWG	

Physical data		
Width	14 mm	
Height	14 mm	
Depth	59 mm	

Mechanical data		
Shield	Brass (CuZn); hot-dip tinned 3 µm; Shield contact: large surface >180°	
Connection requirement (permissible cable type)	Cat. 5e	
Connectable sheathed cable diameter	4.5 ... 8 mm	
Housing material	Plastic	
Contact material	Bronze (CuSn6)	
Contact Plating	> 1.2 µm gold over 1.2 µm nickel	
Mating cycles (max.)	1000	
Weight	10 g	
Color	light gray	

Environmental requirements		
Ambient temperature (operation)	-20 ... +70 °C	
Ambient temperature (storage)	-40 ... +70 °C	
Protection type	IP20	
Relative humidity (without condensation)	95 %	
Vibration resistance	4g per IEC 60068-2-6	
Standards/specifications	Basic standard: IEC 60603-7 RJ-45 Category 5 CD ISO/IEC 11801: 2002 EN 50173: 2002 EIA/TIA 568A: 2002	

Commercial data		
Product Group	15 (I/O System)	
PU (SPU)	1 pcs	
Packaging type	Box	
Country of origin	CH	
GTIN	4045454482480	
Customs tariff number	85366990990	



Product Classification	
UNSPSC	39121413
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 9.0	EC002584
ETIM 10.0	EC002584
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	25-0415412
BV Bureau Veritas S.A.	-	30389/C0 BV
DNV DNV GL SE	DNV-CG-0339,Aug.2021	TAA0000194
KR Korean Register of Shipping	-	KR HMB05880-AC001
LR Lloyds Register EMEA	-	LR22180952TA
PRS Polski Rejestr Statków	-	TE/1101/880590/23
RINA RINA Germany GmbH	-	ELE343521XG001

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 750-975

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Documentation				
System Description			Bid Text	
Overview on WAGO-I/O-SYSTEM 750 approvals	pdf 770.48 KB		750-975	
			19.02.2019	xml 5.34 KB
			750-975	
			06.10.2017	doc 27.00 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 750-975	EPLAN Data Portal 750-975
	WSCAD Universe 750-975