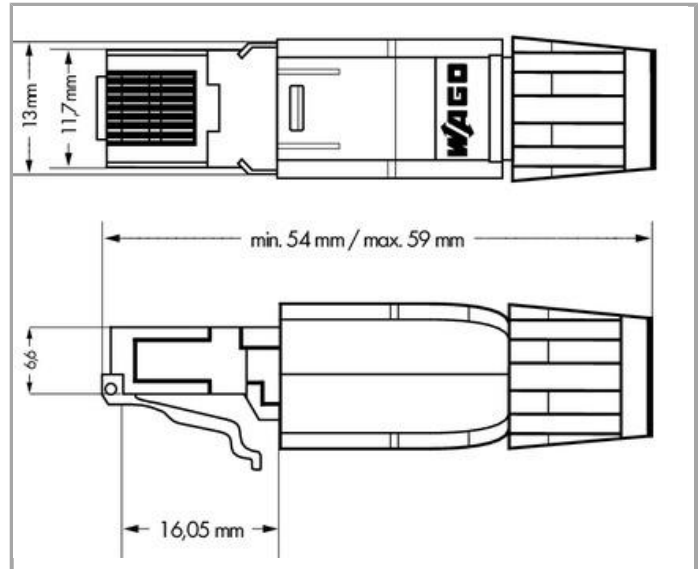
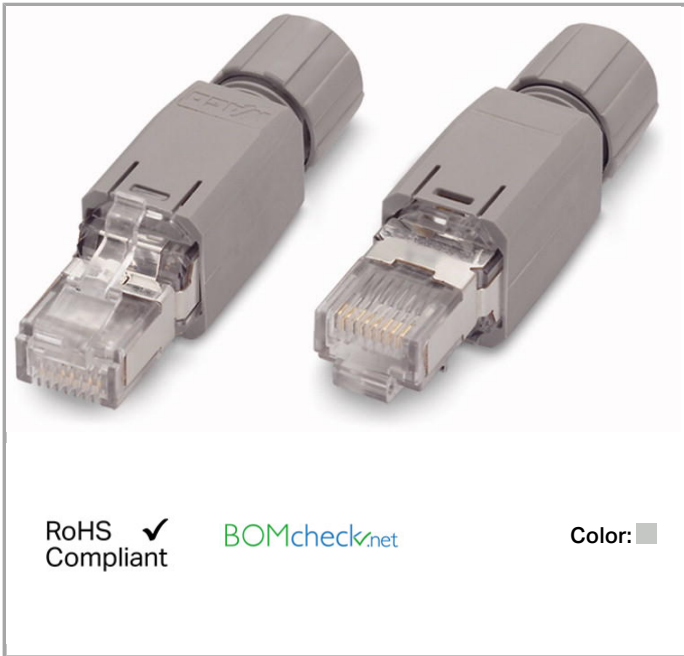


Data sheet | Item number: 750-975

ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly



www.wago.com/750-975



Kontaktbelegung TIA-568A

	Farbe	Adernpaar	
1	grün gestreift	3	
.	grün		
.	orange gestreift	2	
.	blau		
.	blau gestreift		1
.	orange		
.	braun gestreift	4	
8	braun		

Item description

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

The compact RJ-45 uses IDC technology for easy field assembly — connection is made without tools.

The connector is compliant with all required standards. Large conductor cross sections can also be connected.

The connector satisfies Category 5e.

Data

Technical Data

Connection type	Stecker RJ-45
No. of poles	8
Leitungsanschlussrichtung zur Steckrichtung	0°
Communication/Fieldbus	Ethernet
Code	TIA-568A
Baud rate	1000Mbit/s
Insulation resistance	(100 V) > 500 MΩ

Connection data

Connection type (1)	IDC-(Schneidklemm-)Kontakt
Solid conductor	0.13 ... 0.24 mm ² / 26/1 ... 23/1 AWG
Stranded conductor (2)	0.14 ... 0.36 mm ² / 26/7 ... 22/7 AWG

Geometrical Data

Width	14 mm
Height	14 mm
Depth	59 mm

Mechanical data

Screening	Brass (CuZn), hot-dip tinned 3 μm; Shield contacting: 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	1000
Weight	12 g
Color	light gray

Environmental Requirements









Surrounding air (operating) temperature	-20 ... 70 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Degree of protection	IP20
Relative air humidity (no condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Standards/specifications	- Basic standard: IEC 60603-7 RJ-45 Category 5 - CD ISO/IEC

Commercial data

Country of origin	CH
GTIN	4045454482480
Customs Tariff No.	85366990990
Product Group	15 (Remote I/O)

Approvals / Certificates

Ship Approvals

Logo	Approval	Certificate name
	BV Bureau Veritas S.A.	30389/A1 BV
	BV Bureau Veritas S.A.	30389/B0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAA0000194
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAA0000194
	DNV DNV Germany GmbH	A-14093
	GL Germanischer Lloyd	26 898 - 05 HH
	LR Lloyds Register	02/20026 (E5)
	NK Nippon Kaiji Kyokai	TA17255M
	PRS Polski Rejestr Statkow	TE/1989/880590/13



RINA
RINA Germany GmbH

ELE134212XG

Downloads

Documentation

Bid Text

750-975 IO, Zubehoer	Jan 21, 2016	DOC 27.6 kB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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System Description

Overview on WAGO-I/O-SYSTEM 750 approvals	Jun 6, 2017	314.9 kB	Download
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Subject to changes.

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