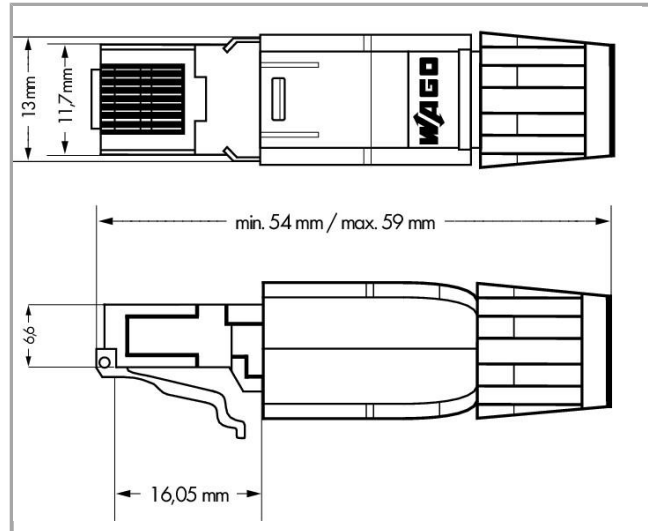
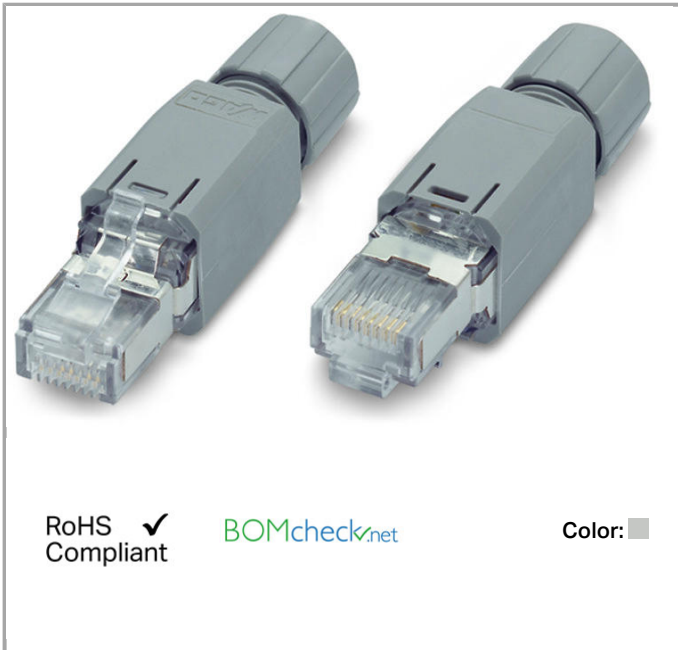


Data sheet | Item number: 750-975

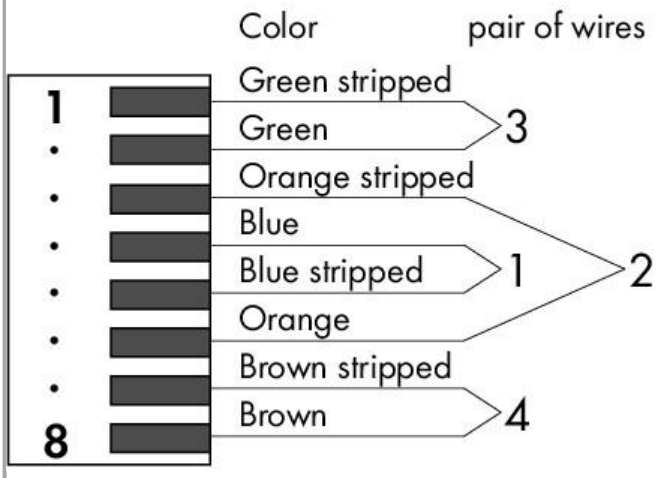
ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly



750-975



### Pin assignment TIA-568A



#### 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	-
Insulation resistance	(100 V) > 500 MΩ

### Connection data

Connection type (1)	IDC-(Schneidklemm-)Kontakt
Solid conductor	0.13 ... 0.24 mm <sup>2</sup> / 26/1 ... 23/1 AWG
Stranded conductor (2)	0.14 ... 0.36 mm <sup>2</sup> / 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
Protection class	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  
11801: 2002 - EN 50173: 2002 - EIA/TIA 568A: 2002

## Commercial data

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

## Approvals / Certificates

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	19- HG1821926
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAA0000194
	<b>KR</b> Korean Register of Shipping	-	HMB05880- AC001
	<b>LR</b> Lloyds Register	-	02/20026 (E5)
	<b>NK</b> Nippon Kaiji Kyokai	-	TA17255M
	<b>PRS</b> Polski Rejestr Statków	-	TE/2236 /880590/19
	<b>RINA</b> RINA Germany GmbH	-	ELE134212XG



**Downloads**

**Documentation**

**Bid Text**

750-975 IO, Zubehoer	Apr 4, 2012	doc 27.6 kB	Download
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**Additional Information**

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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**System Description**

Overview on WAGO-I/O-SYSTEM 750 approvals		pdf 780.2 kB	Download
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Subject to changes.

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