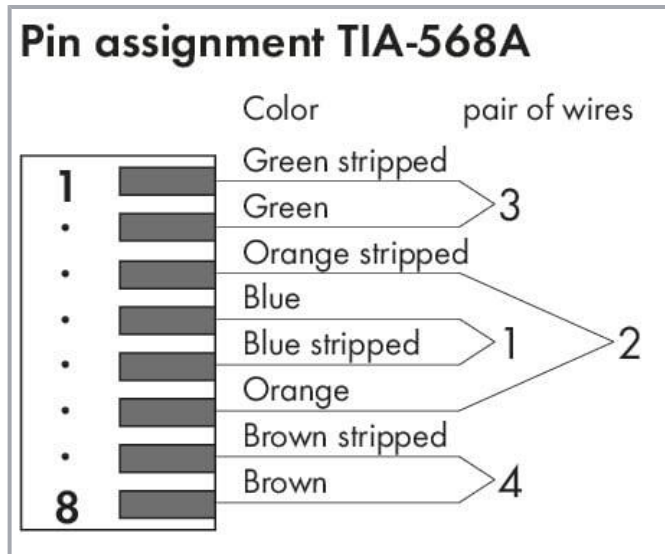
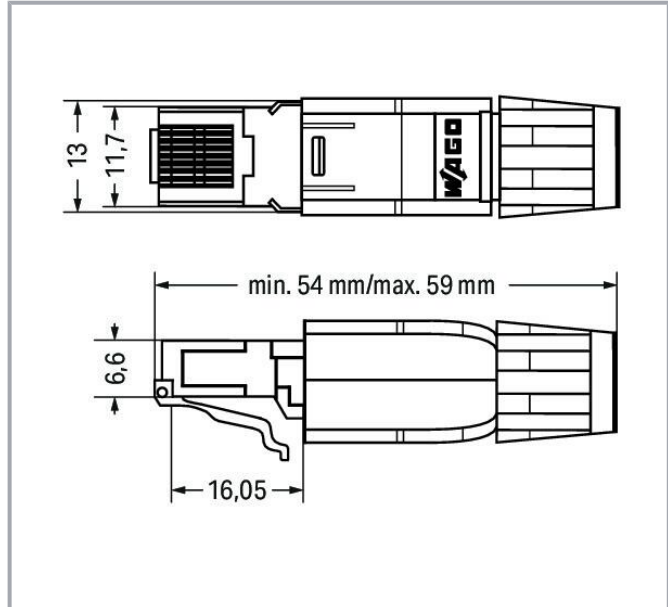
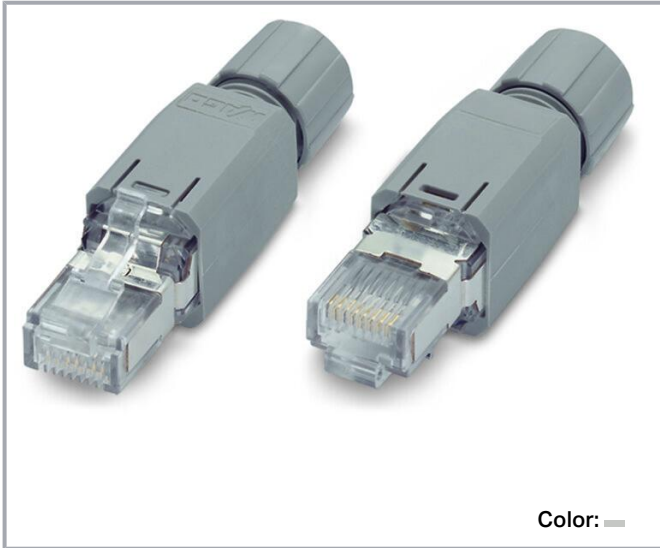


**Data sheet | Item number: 750-975**

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



[www.wago.com/750-975](http://www.wago.com/750-975)



### Item description

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

This compact RJ-45 ETHERNET Connector uses IDC technology for easy field assembly.

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG  
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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



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.

## Data

### Technical data

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

### Connection data

Connection type 1	IDC contact
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

### 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.)	1,000
Weight	10 g
Color	light gray

Subject to changes. Please also observe the further product documentation!

## 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	Basisnorm: 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)
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 8.0	EC002584
ETIM 7.0	EC002584
PU (SPU)	1 pcs
Packaging type	box
Country of origin	CH
GTIN	4045454482480
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates








### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1977	E345416

### Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
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Subject to changes. Please also observe the further product documentation!

	<b>ABS</b> American Bureau of Shipping	-	22-2219060
	<b>BV</b> Bureau Veritas S.A.	-	30389/B1 BV
	<b>DNV</b> DNV GL SE	DNV-CG-0339, Aug. 2021	TAA0000194
	<b>KR</b> Korean Register of Shipping	-	KR HMB05880-AC001
	<b>LR</b> Lloyds Register EMEA	-	LR22180952TA
	<b>PRS</b> Polski Rejestr Statków	-	TE/2236/880590/19
	<b>RINA</b> RINA Germany GmbH	-	ELE343521XG001

## Downloads Documentation

### Manual

System Manual WAGO I/O System 750/753 Decentralized Automation Technology	V 3.3.0 2023 May 4	pdf 8.8 MB	Download
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### Bid Text

750-975 X81 - Datei	2019 Feb 19	xml 5.5 kB	Download
750-975	2017 Oct 6	doc	Download

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### System Description

Overview on WAGO-I/O-SYSTEM 750 approvals

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789.0 kB

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### Additional Information

Disposal and Recycling  
Electrical and electronic equipment, Batteries, Packaging

V 1.1.0  
2022 Aug 18

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### CAD/CAE-Data

#### CAE data

EPLAN Data Portal 750-975

URL

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WSCAD Universe 750-975

URL

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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 750-975  
ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly

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### Installation Notes

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