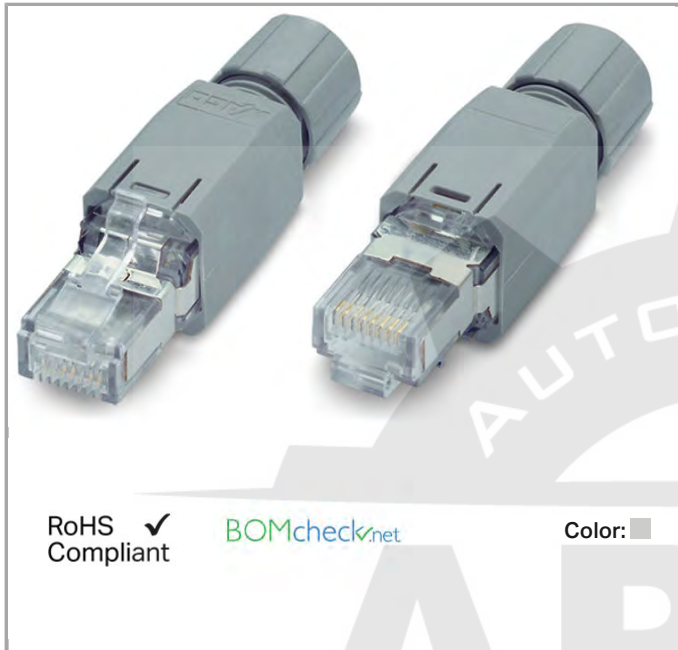


Data sheet | Item number: 750-975

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



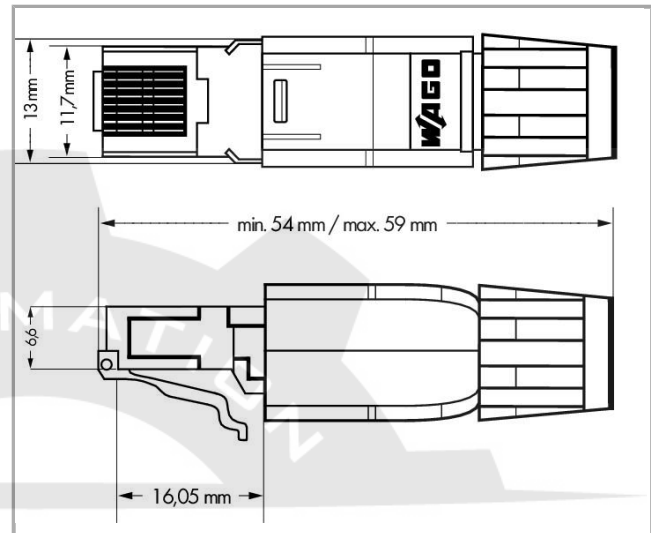
750-975



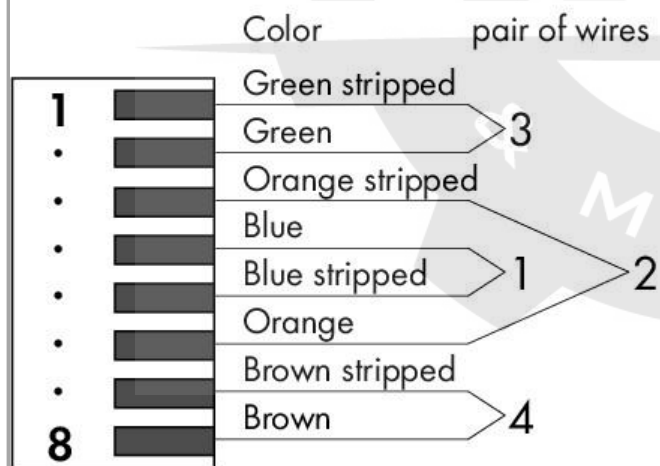
RoHS Compliant

[BOMcheck.net](#)

Color:



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

**Downloads****Documentation****Bid Text**

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

Additional Information

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

Overview on WAGO-I/O-SYSTEM 750 approvals		pdf	Download
		780.2 kB	

Subject to changes.