

Data sheet | Item number: 750-976

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

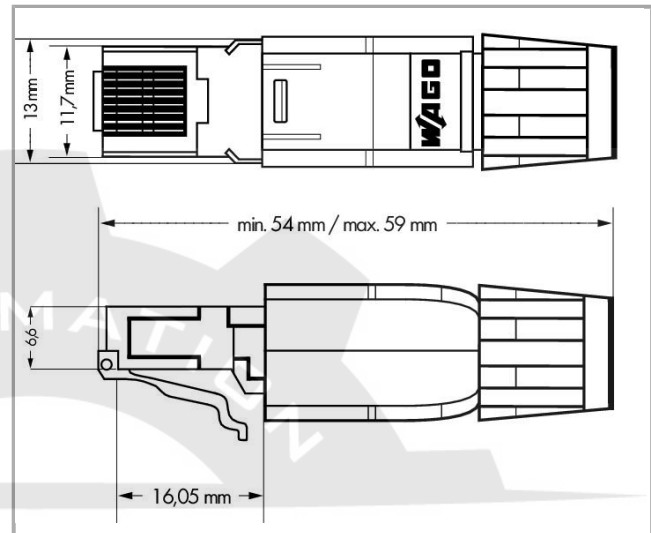


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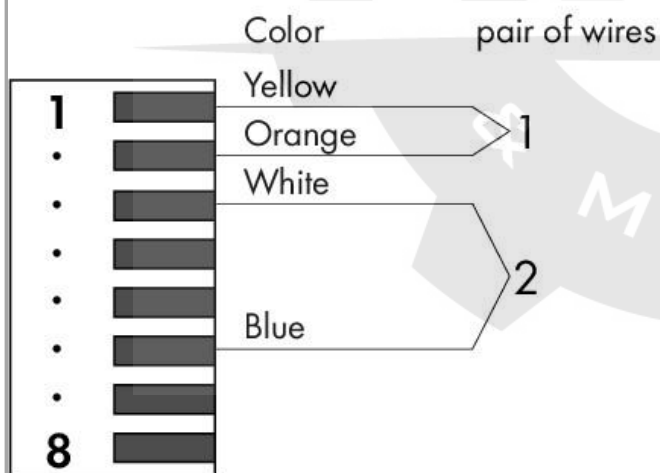


RoHS
Compliant

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Pin assignment PROFINET



Item description

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

The compact RJ-45 PROFINET connector uses IDC technology for tool-free connections in the field. Both solid and stranded conductors can be connected. The connector is compliant with all required standards and complies with Category 5e.

Data

Technical Data

Connection type	Stecker RJ-45
No. of poles	8
Leitungsanschlussrichtung zur Steckrichtung	0°
Communication/Fieldbus	PROFINET
Code	PROFINET
Baud rate	-
Insulation resistance	(100V) > 1GΩ

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	13.4 g

Environmental Requirements

Surrounding air (operating) temperature	-20 ... 70 °C
Surrounding air (storage) temperature	-40 ... 85 °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

Commercial data

Product Group	15 (Remote I/O)
Country of origin	CH
GTIN	4045454988173
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
	GL Germanischer Lloyd	-	11 631 - 10 HH
	PRS Polski Rejestr Statków	-	TE/2236 /880590/19

Downloads

Documentation

Bid Text

750-976	Oct 2, 2014	doc 28.2 kB	Download
IO, Feldbusstecker			

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.
