



Dimensions in mm

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

This compact RJ-45 PROFINET Connector uses IDC technology for easy field assembly. Conductor termination is performed without any tools. The connector fulfills all required standards and connects both solid and stranded conductors. The connector complies with Category 5e.

Technical data	
Connection type	RJ-45 plug
Pole number	8
Cable connection direction to mating direction	0 °
Communication/fieldbus	PROFINET
Code	PROFINET
Transmission rate	100 Mbit/s
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 mm² / 26/1 ... 23/1 AWG	
Stranded conductor	0.14 ... 0.36 mm² / 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.)	1000	
Weight	13.4 g	

Environmental requirements		
Ambient temperature (operation)	-20 ... +70 °C	
Ambient temperature (storage)	-40 ... +85 °C	
Protection type	IP20	
Relative humidity (without condensation)	95 %	
Vibration resistance	4g per IEC 60068-2-6	
Fire load	0 MJ	
Standards/specifications	Basic norm: IEC 60603-7 RJ-45 Category 5 CD ISO/IEC 11801: 2002 EN 50173: 2002	

Commercial data		
Product Group	15 (I/O System)	
PU (SPU)	1 pcs	
Packaging type	Box	
Country of origin	CH	
GTIN	4045454988173	
Customs tariff number	85366990990	

Product classification		
UNSPSC	39121402	
eCl@ss 10.0	27-24-26-92	
eCl@ss 9.0	27-24-26-92	
ETIM 9.0	EC002584	
ETIM 8.0	EC002584	
ECCN	NO US CLASSIFICATION	



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	22-2219060
DNV DNV GL SE	DNV-CG-0339,Aug.2021	TAA0000194
LR Lloyds Register EMEA	-	LR22180952TA
PRS Polski Rejestr Statków	-	TE/1101/880590/23
RINA RINA Germany GmbH	-	ELE343521XG001

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 750-976



Documentation

System Description
Overview on WAGO-I/ O-SYSTEM 750 appro- vals

pdf
770.48 KB



Bid Text			
750-976	06.10.2017	doc 27.50 KB	
750-976	19.02.2019	xml 5.29 KB	

CAD/CAE-Data

CAE data
EPLAN Data Portal 750-976



WSCAD Universe 750-976



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

Current addresses can be found at: www.wago.com