

## Data Sheet | Item Number: 750-975

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

<https://www.wago.com/750-975>



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

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

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.

#### 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

#### 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
Fire load	0 MJ
Standards/specifications	Basisnorm: IEC 60603-7 RJ-45 Category 5 CD ISO/IEC 11801: 2002 EN 50173: 2002 EIA/TIA 568A: 2002

#### Approvals / Certificates

##### General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 1977	E345416

##### Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	22-2219060
BV Bureau Veritas S.A.	-	30389/C0 BV
DNV DNV GL SE	DNV-CG-0339, Aug. 2021	TAA0000194
KR Korean Register of Ship- ping	-	KR HMB05880-AC001

Approvals for marine applications

LR	-	LR22180952TA
Lloyds Register EMEA		
RINA	-	ELE343521XG001
RINA Germany GmbH		