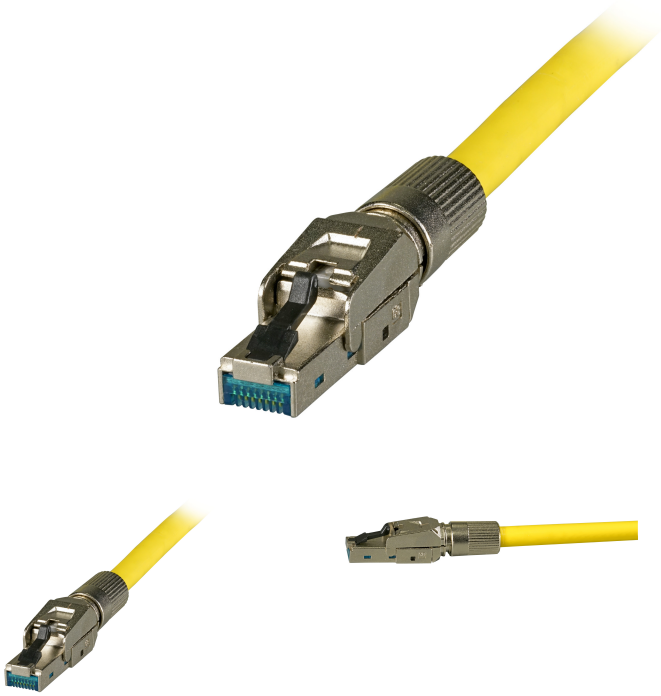
DATASHEET

Field installable connector, RJ45 Cat.8 Class 1 AWG22 - 27, zinc alloy



General data

The RJ45 plug provides a combination of excellent transmission quality and fast and easy tool-free assembly. Fully shielded zinc diecast housing ensures the best EMC features especially in industrial environments. IDC terminals and very low contact resistances assure high quality contacting for installation cables up to 9mm diameter and wire gauge from AWG22 - AWG27.

Shielded zinc diecast body with separate dust cap and anti-kink sleeve
Compact cable manager for AWG 22/1 .. AWG 26/1 or AWG22/7 .. AWG27/7
Pair management according to TIA 568A /B colour codes and industrial Profinet 1-2-3-6
Re-termination capability up to 5 times with the same width, for AWG27/7 up to 2 times
Suitable for cable dia from 6.0 mm .. 9.0 mm
Strain relief with cable gland
Tension relief with cable gland and sliding lever

Allgemeine Daten	
Type of connector	RJ45 8(8)
Category	Cat.8 Class 1
Suitable for litz wire conductor	True
Suitable for degree of protection (IP)	IP20

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Suitable for solid core	True
AWG-range	22 – 27
Suitable for flat cable	False
Current Rating	1.5 A
Max. cable diameter	9.0 mm
Connection type	Insulation displacement connector
Special tool necessary	False
Suitable for round cable	True
Model	plug
Complaint to UL94	V-0

Mechanische Eigenschaften	
Mating cycles	≥ 750 Mating cycles
360° shield contact	True
Dust cover	true
Housing material	Zinc die cast
Shield contact and strain relief separate	False
Separate earthing flag	False
Contact coating	50 µ"
Type of locking	snap lock

Umgebungsbedingungen	
Temperature range	-40 – 66 °C

Elektrische Eigenschaften	
Insulation Resistance	≥ 500 MΩ
Contact Resistance	≤ 20 mΩ
Dielectric Withstanding Voltage	1000 V DC
screened	True
4PPOE certified	True

Available variants

Bezeichnung	**Colour**	**Transparent**
Field installable connector, RJ45 Cat.8 Class 1 AWG22 - 27, zinc alloy	silver	False