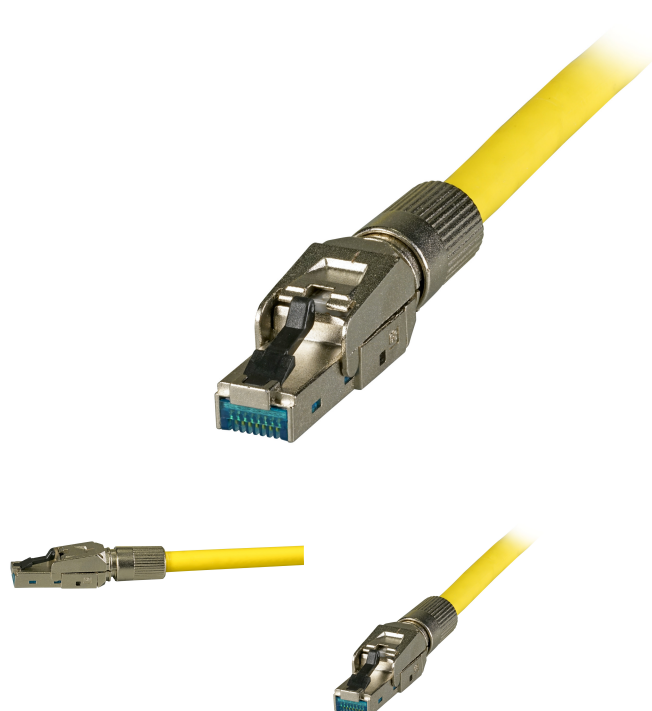


DATASHEET

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)
Suitable for litz wire conductor	True
Suitable for degree of protection (IP)	IP20
Suitable for solid core	True

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AWG-range	22 - 27
Suitable for flat cable	False
Max. cable diameter	9.0 mm
Suitable for round cable	True
Model	plug

General data

Category	Cat.8 Class 1
Housing material	Zinc die cast
Connection type	Insulation displacement connector
Special tool necessary	False
Complaint to UL94	V-0

Mechanical characteristics

Mating cycles	≥ 750 Mating cycles
Dust cover	true
Separate earthing flag	False
Contact coating	50 µ"

Mechanische Eigenschaften

360° shield contact	True
Shield contact and strain relief separate	False
Type of locking	snap lock

Environmental conditions

Temperature range	-40 - 66 °C
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Electrical characteristics

Insulation Resistance	≥ 500 MΩ
Contact Resistance	≤ 20 mΩ
Dielectric Withstanding Voltage	1000 V DC
Current Rating	1.5 A
4PPOE certified	True

Structure du câble

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screened	True
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Available variants

ArtNr.	Bezeichnung	Colour	Transparent
88035.2	Field installable connector, RJ45 Cat.8 Class 1 AWG22 - 27, zinc alloy	silver	False

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