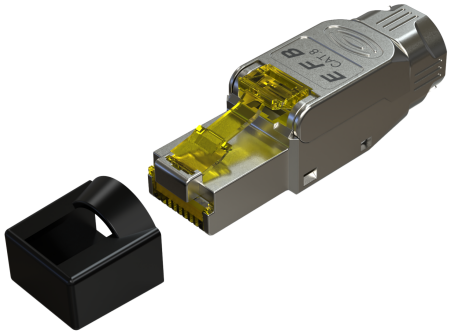
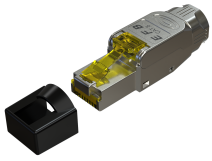
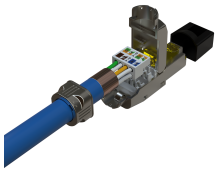
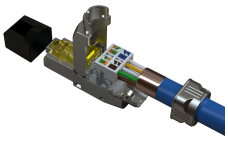
DATASHEET

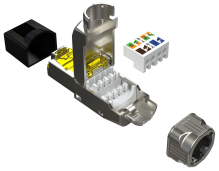
RJ45 Connector STP, Cat.8.1, field-terminable, bayonet











General data

Assemble professional network connections quickly and securely

The field-terminable Cat.8.1 RJ45 connector enables simple and reliable termination of shielded Cat.8 installation cables directly on-site. Thanks to the integrated cable pre-sorter with printed TIA/EIA 568 A/B color codes, wiring is quick and error-free. The robust bayonet screw connection ensures secure cable fastening and reliable strain relief. The included dust cap protects the contacts from dirt and damage during storage and operation.

Your benefits at a glance

Cat.8.1 high-performance standard – for future-proof high-speed networks
Quick and easy installation – Color-coded cable pre-sorter simplifies installation

This datasheet was created automatically on 23-10-2026 . Technical changes reserved.

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Connector STP, Cat.8.1, field-terminable, bayonet

Secure strain relief – reliable cable fastening via bayonet screw connection

Product highlights

Field-terminable RJ45 connector for shielded installation cables
Cat. 8.1 Performance for demanding network applications
Suitable for conductor cross-sections from **AWG22/1 to AWG24/1**
Cable pre-sorter for fast and clean installation
Pair management according to **TIA/EIA 568 A/ B**
Color codes printed directly on the cable pre-sorter
Supports PoE up to **4PPoE according to IEEE 802.3bt**
Rugged bayonet screw connection for secure cable attachment and strain relief
Includes dust cap to protect the contacts

Package Contents

1 × RJ45 connector Cat. 8.1
1 × dust cap
1 × installation guide

Ideal for

Data centers and server rooms
High-performance network infrastructures
Structured building cabling
Applications with high bandwidth requirements
PoE-enabled network environments

Technical properties	
360° shield contact	True
AWG-range	24 – 22
Cable diameter	8,5
Category	Cat.8 Class 1
Complaint to UL94	V-0
Connection type	Insulation displacement connector
Contact Resistance	≤ 20
Current capacity	2
Dielectric Withstanding Voltage	1000

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Dust cover	Yes
Insertion force	≤ 30
Insulation Resistance	≥ 500
Mating cycles	≥750
Model	plug
Operating Temperature	-10 – 60
Suitable for round cable	True
Suitable for solid core	True
Type of connector	RJ45 8(8)
Type of locking	Screw lock
screened	True

Available variants

ArtNr.	Bezeichnung	Colour
89062.1	RJ45 Connector STP, Cat.8.1, field-terminable, bayonet	silver

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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