

## RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725

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RJ45 connector, Degree of protection: IP20, Number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), Material: PA, Connection method: IDC fast connection, Connection cross section: AWG 26-23, Cable exit: straight

### Product Features

- assembly without special tools
- UL
- GL
- Solid and stranded wires (1- and 7-wire)



**Ethernet**

### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	12.4 g
Custom tariff number	85366990
Country of origin	Switzerland

### Technical data

#### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 1000
Connection method	IDC fast connection
Conductor cross section	0.13 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (stranded)
Connection cross section AWG	26 ... 23 (solid) 26 ... 23 (stranded)
Max. cable diameter	4.5 mm ... 8 mm
External cable diameter	4.5 mm ... 8 mm

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## Technical data

### Mechanical characteristics

Cable exit	straight
Color	traffic grey A RAL 7042

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
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### Material data

Flammability rating according to UL 94	V0
Housing material	PA
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Material	Plastic

### Electrical characteristics

Number of positions	8
Transmission speed	1 GBit/s
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	1
Contact resistance	0.001 $\Omega$ (Wire – IDC) 0.005 $\Omega$ (Litz wires – IDC)

### Standards and Regulations

Flammability rating according to UL 94	V0
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## Classifications

### eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260705
eCl@ss 7.0	27440312
eCl@ss 8.0	27440101

### ETIM

ETIM 2.0	EC000764
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## Classifications

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002636

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

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#### Approvals

UL Listed / cUL Listed / GL / EAC / EAC / cULus Listed

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Listed 
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cUL Listed 
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GL
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EAC
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## RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725

### Approvals

EAC

cULus Listed

### Accessories

#### Accessories

#### Coding element

RJ45 coding rings - VS-08-RJ45-Q-COD-SET - 1656893

Coding set, for color encoding of the RJ45 QUICKON connector, consisting of 80 color rings, 10 rings each in the colors: white, blue, red, green, yellow, violet, brown, gray



RJ45 coding rings - VS-08-RJ45-Q-COD-BU - 1658134

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Blue



RJ45 coding rings - VS-08-RJ45-Q-COD-BN - 1658147

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Brown



RJ45 coding rings - VS-08-RJ45-Q-COD-YE - 1658150

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Yellow



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### Accessories

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#### RJ45 coding rings - VS-08-RJ45-Q-COD-GY - 1658163

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Gray



#### RJ45 coding rings - VS-08-RJ45-Q-COD-GN - 1658176

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Green



#### RJ45 coding rings - VS-08-RJ45-Q-COD-RD - 1658189

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Red



#### RJ45 coding rings - VS-08-RJ45-Q-COD-VT - 1658192

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Violet



#### RJ45 coding rings - VS-08-RJ45-Q-COD-BK - 1658202

Coding rings, for color coding of the RJ45 QUICKON connector, consisting of 10 color rings, color: Black



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## Accessories

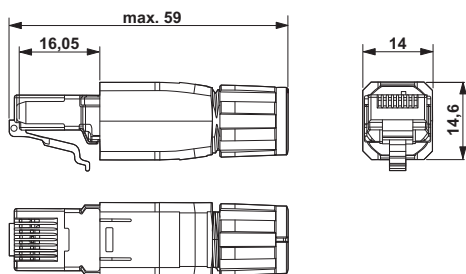
Tool - VS-CABLE-STRIP-VARIO - 1657407

Stripping tool, for the multi-level stripping of shielded cables

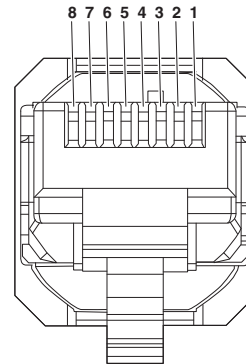


## Drawings

Dimensional drawing



Schematic diagram



RJ45 connector, IP20

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