

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

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RJ45 plug-in connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology, for 26 ... 23 AWG 1-wire and 7-wire conductors, for 4.5 mm ... 8.0 mm cable diameter, labeling: TIA 568 B, color: gray



**Ethernet**

### Key commercial data

Packing unit	1 PCE
Catalog page	Page 192 (PC-2009)
GTIN	 4 046356 030045
Custom tariff number	85366990
Country of origin	SWITZERLAND

### Technical data

#### Mechanical characteristics

Number of positions	8
Connection profile	RJ45 8(8)
Insertion/withdrawal cycles	≥ 1000
Connection method	IDC fast connection
Conductor cross section	0.13 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)
Conductor cross section	0.14 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (7-wire)
Connection cross section AWG	26 ... 23 (solid)
Connection cross section AWG	26 ... 23 (7-wire)
External cable diameter	4.5 mm ... 8 mm
Cable exit	Straight
Color	Military gray RAL 7042
Ambient temperature (operation)	-20 °C ... 70 °C

#### Material data

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

## Technical data

### Material data

Inflammability class according to UL 94	V0
Housing material	PA
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Degree of protection	IP20

### Electrical characteristics

Number of positions	8
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Rated current	1.75 A
Surge voltage category	I
Pollution degree	1

## Classifications

### ETIM

ETIM 2.0	EC000764
ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

### UNSPSC

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

### 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	27440309

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

### Approvals

#### Approvals

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Approvals

UL Listed / cUL Listed / GL / cULus Listed

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Ex Approvals

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Approvals submitted

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#### Approval details

UL Listed 

cUL Listed 

GL

cULus Listed 

### Accessories

#### Accessories

#### Marking

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 plug-in connector - VS-08-RJ45-5-Q/IP20 - 1656725

### Accessories

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

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



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

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



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

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



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

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



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

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



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

### Accessories

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

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



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

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



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

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



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### Tools

Tool - VS-CABLE-STRIP-VARIO - 1657407

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

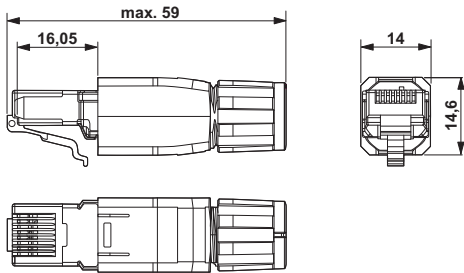


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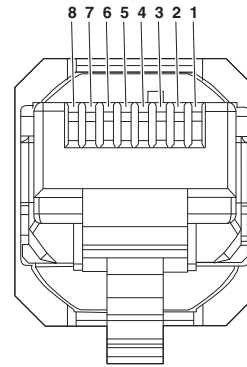
### Drawings

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

Dimensioned drawing



Schematic diagram



RJ45 plug-in connector, IP20