

## 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

### Why buy this product

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

## Ethernet

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 030045

### 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> ... 0.32 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.36 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
Cable exit	straight
Color	traffic grey A RAL 7042

#### Ambient conditions

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

### 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 Ω (Wire – IDC)
	0.005 Ω (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	27440312

### ETIM

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

### UNSPSC

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

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## Classifications

### UNSPSC

UNSPSC 13.2	31261501
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## Approvals

### Approvals

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### Approvals

UL Listed / cUL Listed / GL / EAC / 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

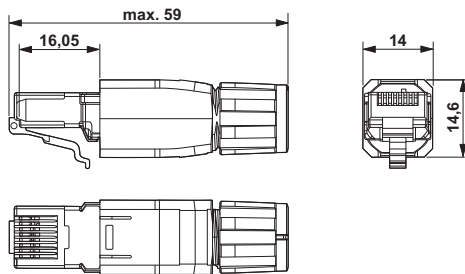
EAC

cULus Listed 

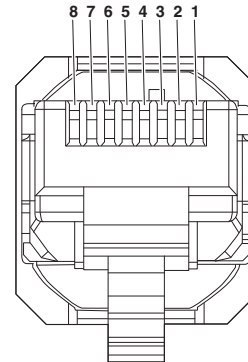
## Drawings

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

Dimensional drawing



Schematic diagram



RJ45 connector, IP20

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