

# RJ45 connector - VS-08-RJ45-5-Q/IP20-EC - 1417401


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RJ45 connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology; with packaging for end customers; for 26 ... 23 AWG 1-wire and 7-wire conductors, for a cable diameter of 4.5 mm ... 8.0 mm, marking TIA 568 B, color: black



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 521970
GTIN	4046356521970

## 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> ... 0.36 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible)
Connection cross section AWG	26 ... 23 (solid) 26 ... 23 (flexible)
External cable diameter	4.5 mm ... 8 mm
Cable outlet	straight
Color	black
Degree of protection	IP20
No. of cable outlets	1

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Degree of protection	IP20

### Material data

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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
Height	14.6 mm

### Electrical characteristics

Number of positions	8
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps
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)
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

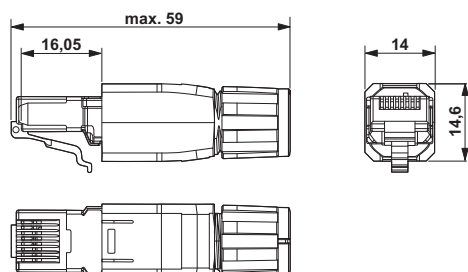
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

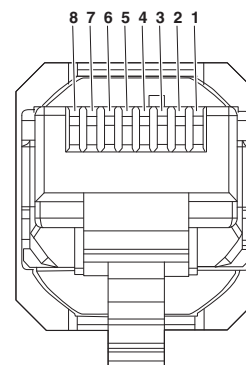
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



Schematic diagram



RJ45 connector, IP20

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### Approvals

Approvals

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Approvals


EAC

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Ex Approvals

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### Approval details

EAC		B.01742
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