

# RJ45 plug connector - VS-PN-RJ45-5-Q/IP20 - 1658435

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RJ45 connector, IP20, CAT5e, 4-pos., PROFINET with QUICKON fast connection technology, for 1-wire and 7-wire conductors AWG 22, for cable diameter 4.5 mm ... 8.0 mm, color: gray



## Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 284 (PC-2011)
GTIN	 4 046356 163118
Custom tariff number	85366990
Country of origin	SWITZERLAND

## Technical data

### Mechanical characteristics

Number of positions	4
Connection profile	RJ45 8(4)
Shielded	Yes
Insertion/withdrawal cycles	≥ 1000
Connection method	IDC fast connection
Conductor cross section	0.32 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)
Conductor cross section	0.36 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (stranded)
Connection cross section AWG	22 ... 22 (solid)
Connection cross section AWG	22 ... 22 (stranded)
External cable diameter	4.5 mm ... 8 mm
Cable exit	Straight
Color	gray
Ambient temperature (operation)	-10 °C ... 60 °C

### Material data

Inflammability class according to UL 94	V0
Housing material	PA
Contact carrier material	PC

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## Technical data

### Material data

Contact material	Copper alloy
Contact surface material	Gold over nickel
Material	Plastic
Degree of protection	IP20

### Electrical characteristics

Number of positions	4
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Rated current	1.75 A
Surge voltage category	I
Pollution degree	1

## Classifications

### eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312

### etim

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC001121

### unspsc

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

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

# RJ45 plug connector - VS-PN-RJ45-5-Q/IP20 - 1658435

## Approvals

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Approvals submitted

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### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	22
Nominal current I <sub>N</sub>	1.75 A
Nominal voltage U <sub>N</sub>	50 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	22
Nominal current I <sub>N</sub>	1.75 A
Nominal voltage U <sub>N</sub>	50 V

cULus Recognized	
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## 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 coding rings - VS-08-RJ45-Q-COD-BU - 1658134

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



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### Accessories

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

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



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

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



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## Accessories

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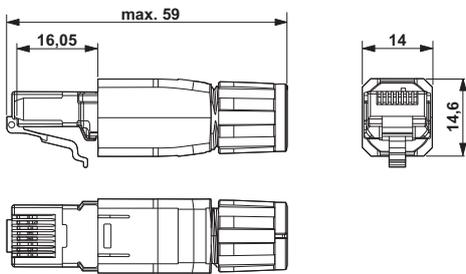
RJ45 coding rings - VS-08-RJ45-Q-COD-BK - 1658202

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



## Drawings

Dimensioned drawing



RJ45 plug connector, IP20

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