

## RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-8Q5 - 1657834


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RJ45 connector, IP67, with push/pull interlocking, plastic housing, 1 Gbps, 8-pos., QUICKON fast connection technology, for 26 ... 24 AWG 1-wire and 7-wire conductors



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 131902
GTIN	4046356131902
Weight per Piece (excluding packing)	31.500 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Mechanical characteristics

Connection method	IDC fast connection
Minimum external conductor diameter	5 mm
Maximum external conductor diameter	8 mm
Overvoltage category	I
AWG solid min.	26
AWG solid max.	22
AWG multi-stranded min.	26
AWG multi-stranded max.	22
Degree of pollution	2
Cable outlet	straight
No. of cable outlets	1

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## Technical data

### Mechanical characteristics

Locking type	Push Pull
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> (flexible)
Weight	29 g
Flammability rating according to UL 94	V0

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
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### Material data

Contact surface material	Au/Ni
Contact material	CuSn
Contact carrier material	PC
Cable gland material	PA
Seal material	TPE
	NBR
	NBR
Housing material	PA-GF
Seal material, O-ring	NBR
Seal material cable seal	TPE
Seal material	NBR
Width	22 mm
Height	30 mm
Length	70 mm
Wrench size	19.00 mm

### Electrical characteristics

Number of positions	8
Nominal voltage U <sub>N</sub>	48 V
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

# RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-8Q5 - 1657834

## Technical data

### Standards and Regulations

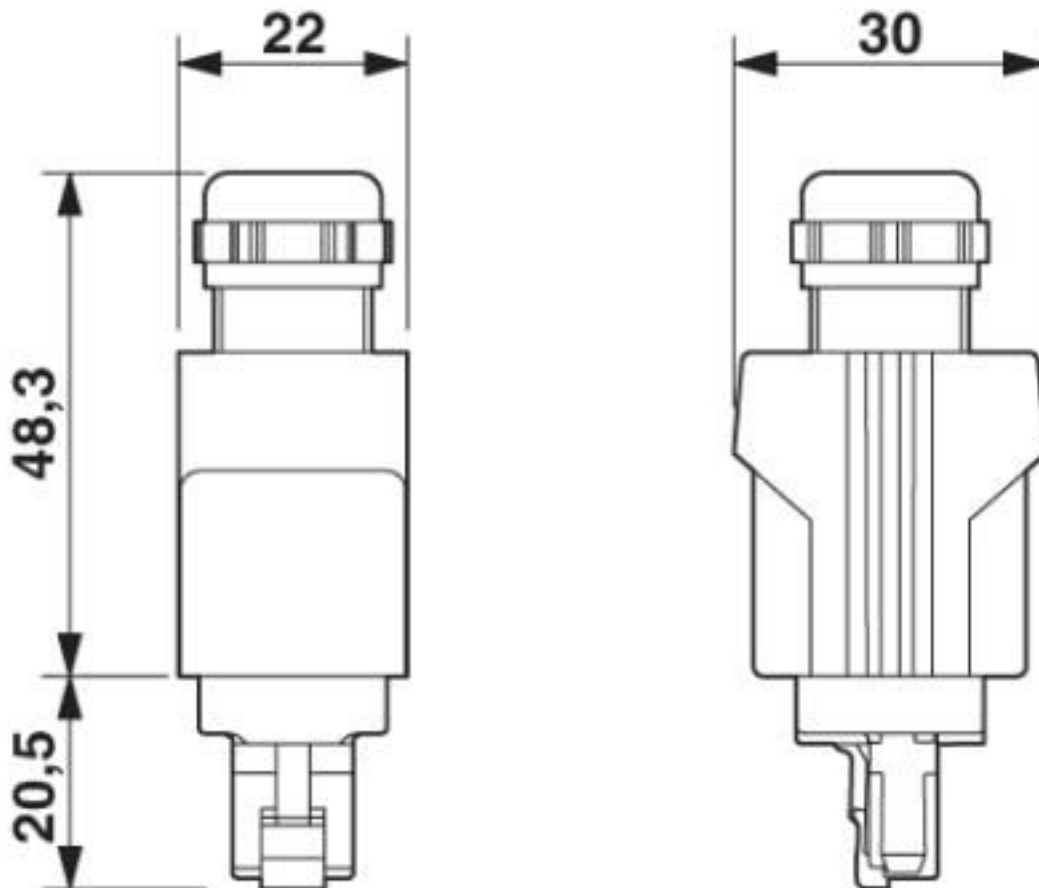
Standards/specifications	IEC PAS 61076-3-117
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67

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## Classifications

### eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440101
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002636
ETIM 6.0	EC002636
ETIM 7.0	EC002636

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals

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## Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
Nominal voltage UN		50 V	
Nominal current IN		1.75 A	
mm <sup>2</sup> /AWG/kcmil		22	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
Nominal voltage UN		50 V	
Nominal current IN		1.75 A	
mm <sup>2</sup> /AWG/kcmil		22	

EAC		B.01687
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cULus Recognized	
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## Accessories

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Stripping tool - VS-CABLE-STRIP-VARIO - 1657407

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

