

## RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-4Q5 - 1608100

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RJ45 connector, degree of protection: IP65/67, number of positions: 4, 100 Mbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26-22, cable outlet: straight, color: silver

Push/pull connector



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 159944
GTIN	4046356159944
Weight per Piece (excluding packing)	68.600 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Mechanical characteristics

Standards/specifications	IEC PAS 61076-3-117
Number of positions	4
Connection profile	RJ45 8(4)
Locking type	Push Pull
Shielded	yes
Insertion/withdrawal cycles	≥ 500
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 ... 22 (solid)

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### Technical data

#### Mechanical characteristics

	26 ... 22 (stranded)
Max. cable diameter	5 mm ... 8 mm
External cable diameter	5 mm ... 8 mm
Cable outlet	straight
Color	silver
Degree of protection	IP65/IP67
No. of cable outlets	1

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 45 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

#### Material data

Flammability rating according to UL 94	V0
Housing material	Zinc die-cast
Housing surface material	Nickel-plated
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Material	Metal
O-ring material	NBR
Cable seal material	TPE
Material housing intermediate seal	NBR

#### Electrical characteristics

Number of positions	4
Nominal voltage $U_N$	50 V
Nominal current $I_N$	1.75 A
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002)
Transmission speed	100 Mbps
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2
Contact resistance	0.001 $\Omega$ (Wire – IDC)
	0.005 $\Omega$ (Litz wires – IDC)
Rated voltage (III/3)	50 V

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## Technical data

### Standards and Regulations

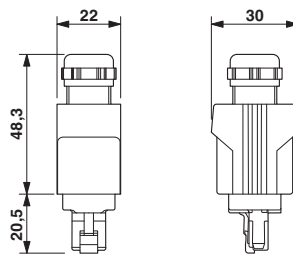
Standards/regulations	IEC PAS 61076-3-117
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67

## Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27261204
eCl@ss 7.0	27440205
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC002636

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## Classifications

### ETIM

ETIM 6.0	EC002636
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### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121409

## Approvals


### Approvals


#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex 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
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		<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
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### Approvals

EAC		B.01742
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cULus 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>
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### Accessories

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#### Data cable by the meter

Network cable - NBC-93C/... - 1408538



By the meter, Network cable, PROFINET CAT5 (100 Mbps), shielded, PUR/FRNC halogen-free, green RAL 6018, 4-wire (1x4xAWG22/7; SF/TQ), color single wire: White, yellow, blue, orange, cable length: Free input (110.0 ... 500 m), Supplied on a cable drum in up to two parts (details: see technical data)

#### Panel mounting frame

Panel mounting frames - CUC-V14-F1ZNI-EM/R40 - 1413963



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for PCB connection, for square panel cutout, with grommet and mounting screws

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



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