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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-4Q5 - 1608126

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RJ45 connector, IP67, with push-pull interlocking, plastic housing, CAT5e, 4-pos., with QUICKON fast connection technology, for 1-wire and 7-wire conductors AWG 26 ... 22, for cable cross section 5.0 mm ... 8.0 mm



## Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356159968

## 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> (flexible)
Connection cross section AWG	26 ... 22 (solid)
	26 ... 22 (flexible)
External cable diameter	5 mm ... 8 mm
Cable outlet	straight
Cable structure	1x4xAWG22/7; SF/TQ
Color	black
Degree of protection	IP65/IP67
No. of cable outlets	1

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## Technical data

### Mechanical characteristics

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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### Ambient conditions

Ambient temperature (operation)	-10 °C ... 60 °C
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### Material data

Flammability rating according to UL 94	V0
Housing material	PA-GF
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Material	Plastic
O-ring material	NBR
Cable seal material	TPE
Material housing intermediate seal	NBR
Outer sheath, material	PVC
Height	30 mm

### Electrical characteristics

Number of positions	4
Nominal voltage $U_N$	50 V
Nominal current $I_N$	1 A
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 $\Omega$ (Wire – IDC) 0.005 $\Omega$ (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

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

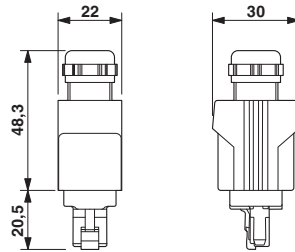
### Environmental Product Compliance

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

# RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-4Q5 - 1608126

## Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67

## 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
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		
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EAC		B.01742
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### Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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