

# 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 pc
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

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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	CuSn
Contact surface material	Au/Ni
Material	Plastic
Cable gland material	PA
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 $U_N$	48 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

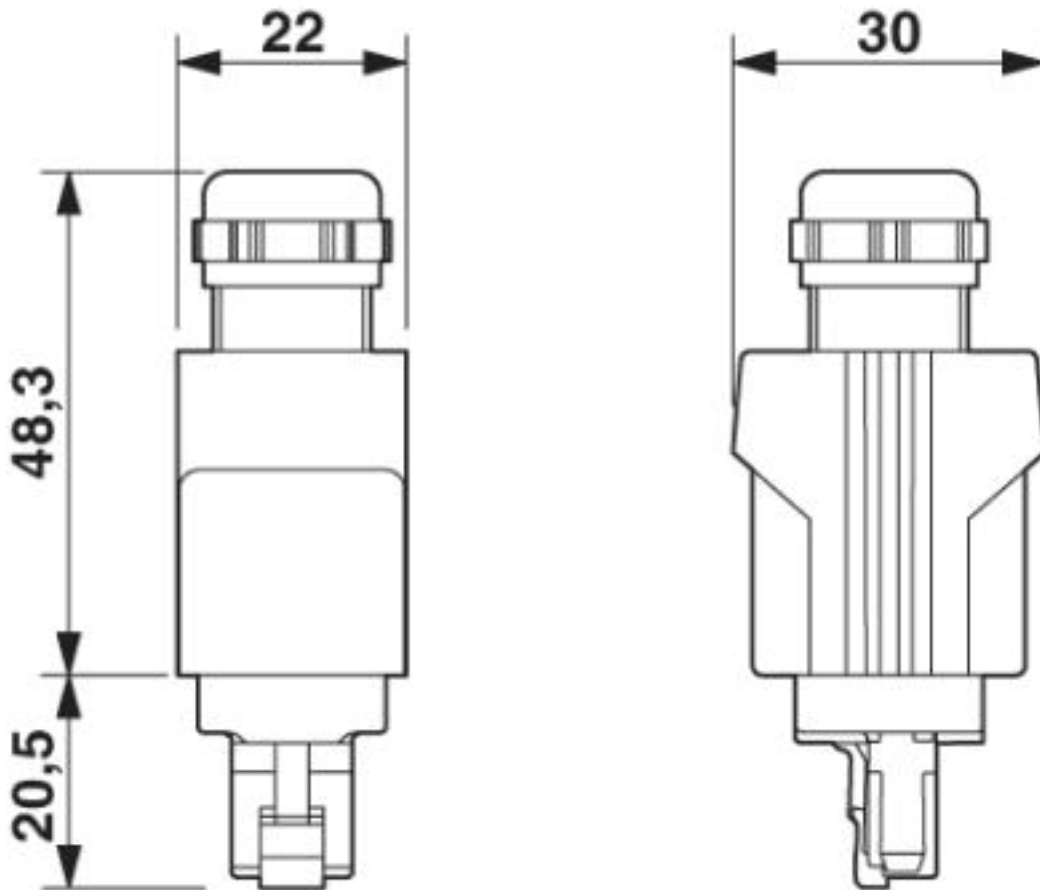
### Environmental Product Compliance

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

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## Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67

## Approvals

Approvals

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Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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Ex Approvals

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Approval details

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## Approvals

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.01742
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cULus Recognized	
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