

# RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-4Q5-B - 1405141

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RJ45 connector, IP67, with push-pull interlocking, metal 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	4046356325929

## 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)
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

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### 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)	-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
Height	30 mm

### Electrical characteristics

Number of positions	4
Nominal voltage $U_N$	50 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 $\Omega$ (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
Flammability rating according to UL 94	V0

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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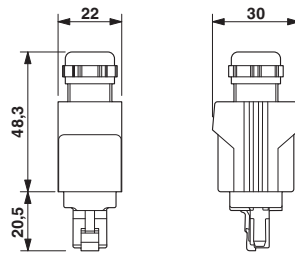
## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Drawings

Dimensional drawing



Push-pull RJ45 connector IP65/67

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

### Approval details

EAC		B.01742
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