

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-8Q5 - 1608016

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Push-pull connector (version 14), metal, with 8-pos. RJ45 QUICKON connector insert, with QUICKON fast connection technology, for 26 ... 22 AWG 1-wire and 7-wire conductors, for 5.0 mm ... 8.0 mm cable diameter

Push/pull connector



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 131681
GTIN	4046356131681

Technical data

Mechanical characteristics

Standards/specifications	IEC PAS 61076-3-117
Number of positions	8
Connection profile	RJ45
Locking type	Push Pull
Shielded	yes
Insertion/withdrawal cycles	≥ 250
Connection method	IDC fast connection
Conductor cross section	0.13 mm² ... 0.32 mm² (solid) 0.14 mm² ... 0.36 mm² (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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Technical data

Mechanical characteristics

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252
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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	8
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) 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)

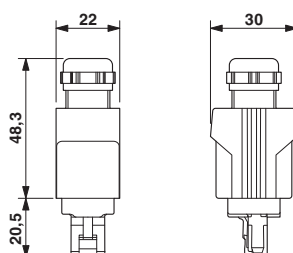
Standards and Regulations

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

Drawings

RJ45 connector - VS-PPC-C1-RJ45-MNNA-PG9-8Q5 - 1608016

Dimensional drawing



Push-pull RJ45 connector IP65/67

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		50 V		
Nominal current IN		1.75 A		
mm²/AWG/kcmil		22		

cUL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		50 V		
Nominal current IN		1.75 A		
mm²/AWG/kcmil		22		

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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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>