

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 pc
GTIN	
GTIN	4046356159944
Weight per Piece (excluding packing)	0.067 kg
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 ² ... 0.32 mm ² (solid)
	0.14 mm ² ... 0.36 mm ² (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

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Technical data

Mechanical characteristics

Color	silver
Degree of protection	IP65/IP67
No. of cable outlets	1
Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252

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	Cu/Sn
Contact surface material	Au/Ni
Material	Metal
Cable gland material	CuZn
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	48 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)
Transmission speed	100 Mbps
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

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440101
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
ETIM 6.0	EC002636
ETIM 7.0	EC002636

UNSPSC

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

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

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Approvals

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	
mm ² /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	
mm ² /AWG/kcmil		22	

EAC		B.01742
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cULus Recognized	
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Accessories

Accessories

Data cable by the meter

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



By the meter, Network cable, PROFINET CAT5 (100 Mbps), EtherCAT® 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

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Accessories

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
