

# VS-PPC-C1-MNNA-8Q5-EMC - RJ45 connector



1403367

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: IDC fast connection, cable outlet: straight, color: silver, Ethernet

## Commercial data

Item number	1403367
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
Catalog page	Page 359 (C-2-2019)
GTIN	4046356708326
Weight per piece (including packing)	81.5 g
Weight per piece (excluding packing)	79.7 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252
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### Product properties

Type	RJ45
Product type	Data connector (cable side)
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Shielded	yes
Cable outlet	straight

### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.75 A
Nominal voltage $U_N$	48 V
Nominal current $I_N$	1.75 A
Transmission medium	Copper
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps

### Connection data

#### Connection technology

Connection method	IDC fast connection
Connection cross section AWG	solid
	flexible

### Dimensions

Width	22 mm
Height	30 mm
Length	57.7 mm

### Material specifications

Color	silver
Flammability rating according to UL 94	V0

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Housing surface material	nickel-plated
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PC
O-ring material	NBR
Housing material	Metal

## Cable/line

External cable diameter ( )	5 mm ... 8 mm
External cable diameter	5 mm ... 8 mm
Cable cross section	0.14 mm <sup>2</sup>

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C

## Standards and regulations

Standards/specifications	IEC PAS 61076-3-117
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## Classifications

### ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002636
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

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