

# VS-PPC-C1-RJ45-POBK-PG9-8I6 - RJ45 connector



1608139

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT6, material: Plastic, connection method: IDC fast connection, cable outlet: straight, color: black, Ethernet

## Commercial data

Item number	1608139
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAB
Catalog page	Page 286 (PC-2011)
GTIN	4046356159975
Weight per piece (including packing)	31.6 g
Weight per piece (excluding packing)	28.74 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### 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 A
Nominal voltage $U_N$	48 V
Nominal current $I_N$	1 A
Transmission medium	Copper
Transmission characteristics (category)	CAT6
Transmission speed	1 Gbps

### Connection data

#### Connection technology

Connection method	IDC fast connection
Connection cross section AWG	24 (solid) 26 ... 25 (flexible)
Conductor cross section	0.2 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.18 mm <sup>2</sup> (flexible)

### Dimensions

Width	22 mm
Height	30 mm
Length	57.7 mm

### Material specifications

Color	black
Material	Plastic
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel

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Contact carrier material	PC
O-ring material	NBR
Housing material	Plastic

## Cable/line

External cable diameter ( )	5 mm ... 8 mm
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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 200
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-25 °C ... 60 °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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