

VS-PPC-C1-SCRJ-MNNA-PG9-A4D-C - FO connectors



1608032

<https://www.phoenixcontact.com/us/products/1608032>

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FO connectors, degree of protection: IP65/IP67, number of positions: 2, MM, material: Metal, connection method: Push-pull, cable outlet: straight, color: silver

Commercial data

Item number	1608032
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOBA
Catalog page	Page 128 (C-2-2013)
GTIN	4046356131704
Weight per piece (including packing)	73.7 g
Weight per piece (excluding packing)	72 g
Customs tariff number	85367000
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 2.00, order no: 2.252, Chapter 8.3 Connectors for inside environment (optical fibre)
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Product properties

Type	SC-RJ
Product type	Data connector (cable side)
Number of positions	2
Connection profile	SCRJ
Type	SC-RJ
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Attenuation	≤ 1.5 dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

Connection data

Connection technology

Connection method	Push-Pull
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Dimensions

Width	22 mm
Height	30 mm
Length	62.5 mm

Material specifications

Color	silver
Material	Metal
Flammability rating according to UL 94	V0
Ferrule material	Copper alloy
Housing surface material	nickel-plated
Cable seal material	TPE
O-ring material	NBR
Housing material	Metal

Cable/line

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Cable type	Plastic fiber
External cable diameter ()	6.5 mm ... 9.5 mm
Wire diameter	2.2 mm
Individual wire diameter	2.2 mm
Resistance to oil	yes
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	980/1000 µm
Fiber type	POF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Characteristics

Attenuation	≤ 1.5 dB (Insertion attenuation)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	yes

Standards and regulations

Flame resistance	yes
Resistance to oil	yes
Standards/specifications	IEC PAS 61076-3-117

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Classifications

ECLASS

ECLASS-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

ETIM

ETIM 9.0	EC001122
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UNSPSC

UNSPSC 21.0	43223300
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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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