

# 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
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

Product type	Data connector (cable side)
Type	SC-RJ
Number of positions	2
Connection profile	SCRJ
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 material	Metal
Housing surface material	nickel-plated
Cable seal material	TPE
O-ring material	NBR

### Cable/line

Cable type	Plastic fiber
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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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## Standards and regulations

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

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## Drawings

Schematic diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1608032>



**UL Listed**

Approval ID: E308814-20070105

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## Classifications

### ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

### ETIM

ETIM 10.0	EC002636
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### UNSPSC

UNSPSC 21.0	43223300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	13d7563f-2b6d-4353-9c09-a56152ad2513

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)