

# FOC-V14-C1ZNI-S/SJFP - FO connectors



1407896

<https://www.phoenixcontact.com/us/products/1407896>

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FO connectors, degree of protection: IP65/IP67, number of positions: 2, MM, material: Metal, cable outlet: straight

## Your advantages

- Push-pull ADVANCE connector
- Locking system to prevent inadvertent release
- Highest ESD and EMC resistance for reliable transmission
- Protected data transmission thanks to 360° shielding concept

## Commercial data

Item number	1407896
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOBA
Catalog page	Page 367 (C-2-2019)
GTIN	4046356781992
Weight per piece (including packing)	99.5 g
Weight per piece (excluding packing)	99.5 g
Customs tariff number	85367000
Country of origin	PL

## 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 8.4 Connectors for outside environment (optical fibre) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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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	3

### Electrical properties

Attenuation	≤ 1.5 dB (in accordance with ISO/IEC 24702)
Transmission medium	FO
Transmission characteristics (category)	MM

### Dimensions

Width	22 mm
Height	50 mm
Length	80 mm

### Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Ferrule material	Copper alloy
Housing material	Metal
Housing surface material	nickel-plated

### Cable/line

Cable type	Plastic fiber
External cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm
Resistance to oil	yes
Flame resistance	yes

### FO cable

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

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 100
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## Characteristics

Attenuation	≤ 1.5 dB (in accordance with ISO/IEC 24702)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C
Resistance to oil	yes

## Standards and regulations

Flame resistance	yes
Resistance to oil	yes

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## Approvals

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**UL Listed**

Approval ID: E308814-20180830

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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

### 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.)	No substance above 0.1 wt%
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