

# 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
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-13.0	27440290
ECLASS-15.0	27440290

### ETIM

ETIM 9.0	EC002943
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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
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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)