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

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)

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	≤ 10.00 mm (of 5 mm)
	5.5 mm ... 10 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	≥ 100

Characteristics

Attenuation	≤ 1.5 dB (in accordance with ISO/IEC 24702)

Environmental and real-life conditions

Ambient conditions

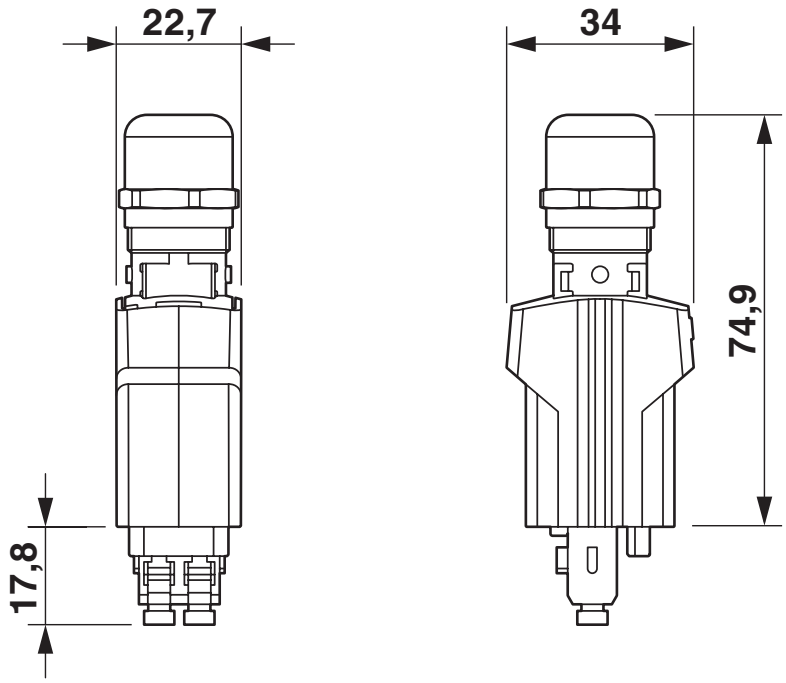
Degree of protection	IP65/IP67
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C
Resistance to oil	yes

Standards and regulations

Flame resistance	yes
Resistance to oil	yes

Drawings

Dimensional drawing



Approvals

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UL Listed
Approval ID: E308814-20180830

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001122

UNSPSC

UNSPSC 21.0	43223300

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.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	c7faca37-dc92-4ccd-a111-288e73082100

Accessories

VS-SCRJ-POF-KONFTOOL-POLISH - FO accessories

1658820

https://www.phoenixcontact.com/us/products/1658820



SC-RJ polishing tool set, for polymer fiber, for field assembly of the SC-RJ connector (IP20/IP67) with fast connection technology, with stripping tool, diagonal cutter, aramid scissors, polishing materials, microscope, 2x SC-RJ connector IP20

VS-PPC-F1-PC-POBK - Protective cover

1405316

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Protective cover, IP65, with push-pull locking for covering the contact insert in the push-pull connector for RJ45 and SC-RJ, plastic

FOC-V14-F1ZNI-EM/SJB - Panel mounting frames

1413964

https://www.phoenixcontact.com/us/products/1413964



SC-RJ panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. SC-RJ coupling

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