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

1407896

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FO connectors, SC-RJ, MM, 2-position, material: Metal, degree of protection: IP65/IP67

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)	87.019 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	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

Approvals

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UL Listed
Approval ID: E308814-20180830

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440116

ETIM

ETIM 10.0	EC002635

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.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	3.461 kg CO2e

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