VS-PPC-C1-SCRJ-MNNA-PG9-A4D-C - FO connectors

1608032

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

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)

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

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

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

Characteristics

Attenuation	≤ 1.5 dB (Insertion attenuation)

Environmental and real-life conditions

Ambient conditions

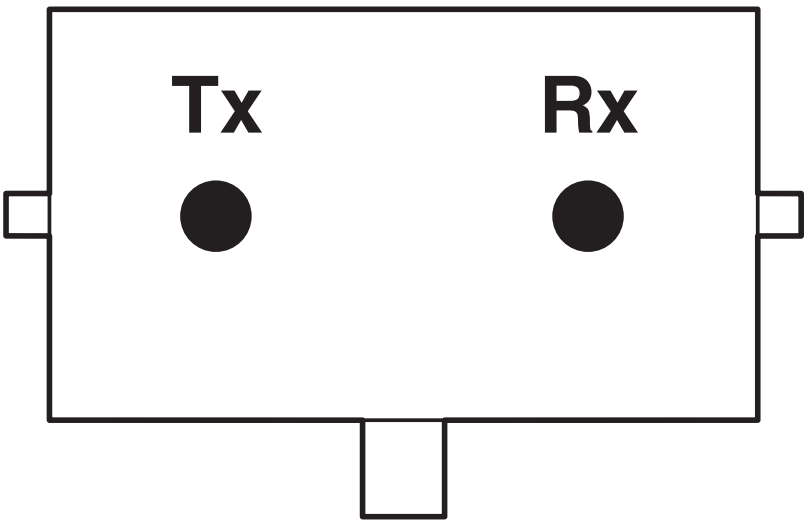
Degree of protection	IP67
	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	yes

Standards and regulations

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

Drawings

Schematic diagram



Approvals

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UL Listed
Approval ID: E308814-20070105

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

ETIM

ETIM 10.0	EC002636

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	13d7563f-2b6d-4353-9c09-a56152ad2513

EF3.1 Climate Change

CO2e kg	2.041 kg CO2e

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