

FO converters - OPTOSUB-PLUS-K/IN - 2799584

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INTERBUS/fiber optic adapter, for converting the remote IN interface to polymer/PCF fiber, connection system: F-SMA

The figure shows version OPTOSUB-PLUS-G/IN and OPTOSUB-PLUS-K/IN



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918129736
Weight per Piece (excluding packing)	35.970 g
Custom tariff number	85176200
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	16.3 mm
Height	57 mm
Depth	31.3 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
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General

Transmission channels	2 (1/1), RxD, TxD, full duplex
Net weight	35.97 g
Housing material	ABS

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Technical data

Power supply

Nominal supply voltage	none, supply from data channel
Typical current consumption	typ. 30 mA

Interfaces

Interface 1	RS-485 interface INTERBUS in acc. with DIN 50254
Connection method	D-SUB-9 female connector
Transmission medium	Copper
Serial transmission speed	500 kbps

Optical interface FO

Transmission power	354.81 µW (-4.5 dBm at 980/1000 µm)
	11.22 µW (-19.5 dBm at 200/230 µm)
Minimum receiver sensitivity	-26 dBm
Wavelength	660 nm
Transmission length incl. 3 dB system reserve	50 m (With F-P 980/1000 230 dB/km with quick mounting connector)
	300 m (with F-S 200/230 10 dB/km)
	100 m (F-S 200/230 10 dB/km, OPTOSUB/FO bus terminal module)
Transmission medium	Polymer fiber
	PCF fiber
Connection method	F-SMA

Conformance/approvals

Designation	EAC
Identification	EAC

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	27230200
eCl@ss 4.1	27230200
eCl@ss 5.0	27230200
eCl@ss 5.1	27230200
eCl@ss 6.0	19179200
eCl@ss 7.0	19179290
eCl@ss 8.0	19179290
eCl@ss 9.0	19170114

ETIM

ETIM 2.0	EC001423
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Classifications

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC000310
ETIM 6.0	EC001467
ETIM 7.0	EC001467

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	43222604
UNSPSC 18.0	43223323
UNSPSC 19.0	43223323
UNSPSC 20.0	43223323
UNSPSC 21.0	43223323

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		EAC-Zulassung
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