

PSI-MOS-RS422/FO 850 E/E2000 - FO converters



2708012

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FO converter for INTERBUS up to 2 Mbps, two relay contacts, terminal device with one FO interface (E2000 duplex) in 850 nm technology, for PCF/fiberglass cable (multimode)

Commercial data

Item number	2708012
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DNC216
GTIN	4046356078979
Weight per piece (including packing)	162 g
Weight per piece (excluding packing)	159.6 g
Country of origin	DE

Technical data

Product properties

Product type	Media converter
MTBF	756 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))
	152 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))

Connection data

Supply

Tightening torque	0.56 Nm ... 0.79 Nm
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Interfaces

Signal	INTERBUS
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Data: optical FO

Transmission length incl. 3 dB system reserve	2200 m (F-K 200/230 8 dB/km with quick mounting connector)
	5800 m (with F-G 50/125 2.5 dB/km)
	5000 m (with F-G 62,5/125 3.0 dB/km)
Connection method	E2000
Wavelength	850 nm
Transmission medium	PCF fiber
	Multi-mode fiberglass

Data

Transmission medium	Copper
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Mechanical tests

Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	Vibration (operation): 5g, 10...150 Hz, 2.5 h, in XYZ direction
Shock in accordance with EN 60068-2-27/IEC 60068-2-27	Shock (operation): 15g, 11 ms period, half-sine shock pulse

Environmental and real-life conditions

Ambient conditions

Altitude	≤ 5000 m (For restrictions, see the manufacturer's declaration for altitude operation)
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Approvals

Corrosive gas test

Identification	ISA-S71.04-1985 G3 Harsh Group A
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Classifications

UNSPSC

UNSPSC 21.0	43223323
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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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