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

2708012

https://www.phoenixcontact.com/us/products/2708012

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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

Interfaces

Signal	INTERBUS

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

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)

Approvals

Corrosive gas test

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

Classifications

UNSPSC

UNSPSC 21.0	43223323

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%

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com