

PSI-MOS-RS422/FO1300 E

Order No.: 2708575



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Fiber optic converter with integrated optical diagnostics, alarm contact, for RS-422/RS-485 4 wire/ INTERBUS up to 2 Mbps, termination device with one fiber optic interface (SC duplex), 1300 nm, for glass fiber cable



Commercial data	
EAN	4046356176293
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.2296 KG
Catalog page information	Page 511 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
09/26/2007



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Technical data

Serial interface	
Interface 1	RS-422 interface in acc. with ITU-T V.11, EIA/TIA-422, DIN 66348-1
Operating mode	Full duplex
Data rate	max. 2 Mbit/s

Transmission length	max. 1000 m (depending on the data rate, with shielded, twisted data cable)
Type of connection	Pluggable screw connection
Serial transmission rate	Maximum 2 Mbps
Optical interface FO	
Wave length	1300 nm
Transmission length incl. 3 dB system reserve	25 km (With F-G 50/125 0.7 dB/km at 1300 nm) 45 km (With F-E 9/125 0,4 dB/km at 1300 nm)
Transmission protocol	Transparent to protocol for RS-422 interface
Type of connection	SC duplex
Fault warning output	
Maximum switching voltage	60 V DC 42 V AC
Limiting continuous current	1 A
Power supply	
Nominal supply voltage	24 V DC \pm 25%
Range of supply voltages	18 V DC ... 32 V DC
Typical current consumption	110 mA
Type of connection	Pluggable COMBICON screw terminal block
General data	
Transmission channels	2 (1/1) RD, TD, full duplex
Bit distortion, input	\pm 35 % (permitted)
Bit distortion output	< 6.25 %
Width	35 mm
Height	105 mm
Depth	99 mm
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (operation)	-20 °C ... 60 °C
Electrical isolation	RS-422 // supply
Electromagnetic compatibility	Conformance with EMC directive 89/336/EEC
Emitted interference	EN 55011
Immunity to interference	EN 61000-6-2:2005
Degree of protection	IP20
Housing material	PA V0, color green

Color	green
ATEX	Ex II 3 G Ex nAC IIC T4 X
UL, USA / Canada	cUL 508 Recognized

Certificates / Approvals



Certification CUL, UL

Diagrams/Drawings

Approbationslogos (EX-Bereich)



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