

PSI-MOS-RS232/FO1300 E

Order No.: 2708588



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2708588>

Fiber optic converter with integrated optical diagnostics, alarm contact, for RS-232 interfaces up to 115.2 kbps, termination device with one fiber optic interface (SC duplex), 1300 nm, for glass fiber cable



Commercial data

EAN	4046356176286
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.2227 KG
Catalog page information	Page 515 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
08/28/2007



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Technical data

Serial interface

Interface 1	RS-232 interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
Data rate	115,2 kBit/s (NRZ)
Transmission length	15 m

Type of connection	D-SUB-9 male connector
Serial transmission rate	115.2 kbps (NRZ)

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-232 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), RxD, TxD, 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-232 // 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



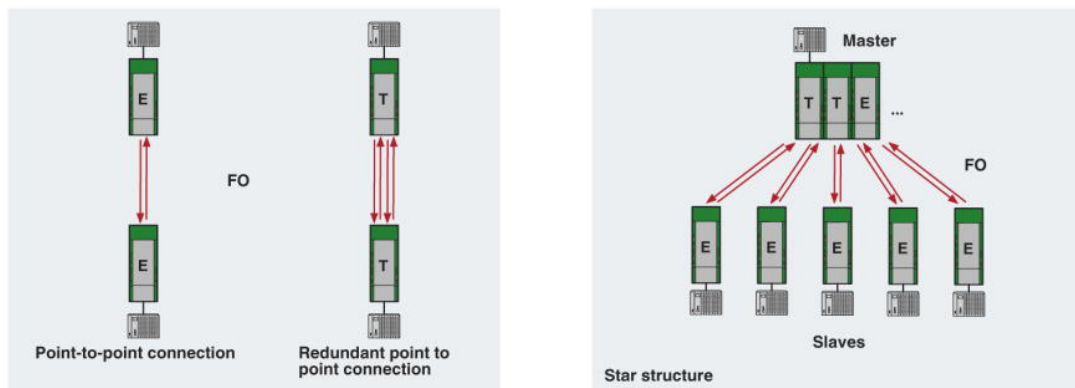
Certification CUL, UL

Accessories

Item	Designation	Description
Cable/conductor		
2319200	PSM-KAD-IL RS232/9SUB/B/0,8M	Adapter cable to connect the IB IL RS232 and IB IL RS232-PRO Inline communication terminals to the interface converter, e.g. modem, Com server, Bluetooth or fiber optics.

Diagrams/Drawings

Application drawing



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