

FO converters - PSI-MOS-RS485W2/FO 850 T - 2708326

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FO converter with integrated optical diagnostics, alarm contact, for RS-485 2-wire bus systems (SUCONET K, Modbus ...) up to 500 kbps, NRZ coding, T-coupler with two FO interfaces (BFOC), 850 nm, for PCF/fiberglass cable (multimode)

Product Description

The PSI-MOS-RS485W2/FO... FO converters convert the electrical data signal into an optical one by protocol transparent means. The integrated optical diagnostics allow permanent monitoring of the FO paths during installation and also during operation. The floating switch contact is activated when the signal output on the fiber optic paths drops to a critical level. The PSI-MOS-RS485W2/FO... T T-couplers allow the interface to be converted for two FO cables. They can be used to create linear structures and redundant structures for increased system availability.

Your advantages

- ✓ Can be combined with the PSI copper repeater in a modular way using DIN rail connectors
- ✓ Supply voltage and data signals routed through the DIN rail connectors
- ✓ Connections can be plugged in via a COMBICON screw terminal block
- ✓ Automatic data rate detection or fixed data rate setting via DIP switches
- ✓ High-quality electrical isolation between all interfaces (RS-485 // fiber optic ports // power supply // DIN rail connector)
- ✓ Redundant power supply possible by means of optional system power supply unit
- ✓ Approved for use in zone 2
- ✓ Intrinsically safe fiber optic interface (Ex op is) for direct connection to devices in zone 1
- ✓ Integrated optical diagnostics for continuous monitoring of FO paths
- ✓ Floating switch contact for advance warning of critical FO paths
- ✓ Suitable for data rates up to 500 kbps
- ✓ Bit retiming for any cascading depth
- ✓ Shipbuilding approval in accordance with DNV GL



Distributed
Network
Protocol



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 974022

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GTIN	4017918974022
Weight per Piece (excluding packing)	249.000 g
Custom tariff number	85176200
Country of origin	Germany

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