



P-Ex OTR opis MC

Explosion Protection

Device Groups / Application Areas:

Mining:

I (M1) [Ex op is Ma] I

Gas:

II (1)G [Ex op is Ga] IIC T4

Dust:

II (1)D [Ex op is Da] IIC T135°C

Regulatory Approval:

IBExU11ATEX1133

Specifications

Network:

Media Converter

Output of opis conform signals

LC Connector

Up to 1000 Mbit/s Throughput

LED: Power, RX loss, TX fault

Environmental:

-40°C to +80°C

Input Voltage:

DC: 10-30V DC, redundant

Recommended fuse:

1 A time lag fuse

Connectors:

1 x 1000 Mbit LWL/Copper input

1 x 1000 Mbit LWL output opis

1 x Power

Dimensions: (height x width x depth)

111 mm x 24,5 mm x 105,5 mm

Weight:

340 g



Media Converter for inherently safe optical signals on a multi- or single mode fiber optic with a range of up to 10km.

Highlights:

- Media converter for opis signals
- Convert from copper to fiber or from multimode fiber to singlemode fiber
- Input selectable: TX; Fiber Single-Mode or Fiber Multi-Mode
- Redundant power input 10-30V DC

Order Nr.	Description:
P-Ex OTR opis MC*	Fiber Port LC Plug (Single Mode opis) Input Voltage 24V DC
PSSFP-LX-10	1000BaseLX Singlemode SFP Mini-GBIC Modul (LC Connector, up to 10km)
PSSFP-SX	1000BaseSX Multimode SFP Mini-GBIC Modul (LC Connector, up to 550m)
PSSFP-TX	1000BaseT Copper SFP Mini-GBIC Modul (RJ-45 Plug)

*Device must be ordered fully populated
 For example P-Ex OTR opis MC TX/SX