

# P-Ex OTR opis 1000-SM10

## 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:

Optical Transceiver, 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

AC: 90-253V AC, external

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 and optical Transceiver for inherent safe optical signals on a single mode fiber optic with a range of 10km.**

## Highlights:

- Single-Mode opis Transceiver for 10km
- Input selectable: TX; Fiber Single-Mode or Fiber Multi-Mode
- Fiberoptical-Separator-Stage for Zone 1,21 and M1
- Redundant power supply 10-30V DC

Order Nr.	Description:
P-Ex OTR opis 1000-SM10-DC*	Fiber Port LC Plug (Single Mode opis) Input Voltage 24V DC
P-Ex OTR opis 1000-SM10-AC*	Fiber Port LC Plug (Single Mode opis) Input Voltage 230V AC (external)
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