

# P-Ex OTR opis MC 1000

## 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 and Optical Transceiver (opis) for inherently safe optical signals on a multi- or single mode fiber optic with a range of up to 10km

### Highlights:

- Media converter and optical transceiver for opis signals
- Convert from copper/fiber to fiber or from multi mode fiber to single mode fiber
- Input selectable: TX; fiber multi mode or fiber single mode
- Redundant power input 10-30V DC

Order Nr.	Description:
P-Ex OTR opis MC 1000-MM/MM	Fiber Port LC Plug 1 GBit (multi mode input / multi mode opis fiber output)
P-Ex OTR opis MC 1000-MM/SM	Fiber Port LC Plug 1 GBit (multi mode input / single mode opis fiber output)
P-Ex OTR opis MC 1000-SM/MM	Fiber Port LC Plug 1 GBit (single mode input / multi mode opis fiber output)
P-Ex OTR opis MC 1000-SM/SM	Fiber Port LC Plug 1 GBit (single mode input / single mode opis fiber output)
P-Ex OTR opis MC 1000-TX/MM	Fiber Port LC Plug 1 GBit (TX input / multi mode opis fiber output)
P-Ex OTR opis MC 1000-TX/SM	Fiber Port LC Plug 1 GBit (TX input / single mode opis fiber output)