

## 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] IIIC T135°C

Regulatory Approval:

IBExU11ATEX1133

## Specifications

Network:

Optical Transceiver

Output of opis conform signals

LC Connector

Up to 1000 Mbit/s Throughput

LED Power indication

Environmental:

-40°C bis +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 Fiber Port input

1 x 1000 Mbit Fiber Port output opis

1 x Power

Dimensions: (height x width x depth)

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

Weight:

300 g



## Optical Transceiver (op is) for inherent safe optical signals

### Highlights:

- Fiberoptical-Separator-Stage for Zone 1,21 and M2
- Redundant power supply 10-30V DC
- Installation and changes of connections can be done easily
- Connector type LC

### Order Nr.

### Description:

P-Ex OTR opis 1000-LC-DC

Fiber Port (LC)  
Input Voltage 24V DC

P-Ex OTR opis 1000-LC-AC

Fiber Port (LC)  
Input Voltage 230V AC