

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

SC and ST Connectors available

Up to 100 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 100 Mbit Fiber Port input

1 x 100 Mbit Fiber Port output opis

1 x Power

Dimensions: (height x width x depth)

114 mm x 29 mm x 104 mm

Weight:

325 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 types SC and ST available

Order Nr.	Description:
P-Ex OTR opis 100-SC-DC	Fiber Port (SC) Input Voltage 24V DC
P-Ex OTR opis 100-SC-AC	Fiber Port (SC) Input Voltage 230V AC
P-Ex OTR opis 100-ST-DC	Fiber Port (ST) Input Voltage 24V DC
P-Ex OTR opis 100-ST-AC	Fiber Port (ST) Input Voltage 230V AC