

ATEX Ethernet



P-Ex transceivers with op is interfaces.

P-Ex series transceivers stand out because of their fiber optic connections conform to op is. The current connector types (SC, LC and ST) and an optional redundant power supply are available. By expanding your network with the "P-Ex OTR opis MC", you can easily and cost-effectively connect an unmanaged or managed switch and create safe communication in potentially explosive atmospheres.

Key Features

- Installation in ATEX Zone 2 within additional housing
- Redundant 10-30V DC power input
- Operating temperature -40°C to +80°C
- Fiber optic ports are op is compliant (EN 60079-28)
- Connector types SC, ST and LC available
- op is fiber optic connections up to 10 km
- Built up fiber optic ring topologies in ATEX zones

Explosion protection

- Mining M2:
 - ⓂI (M1) [Ex op is Ma] I
- Gas Zone 1:
 - ⓂII (1)G [Ex op is Ga] IIC T4
 - ⓂII 3(1)G Ex nA [op is Ga] IIC T4 Gc X
- Dust Zone 21:
 - ⓂII (1)D [Ex op is Da] IIIC T135°C

Fully op is compliant ATEX Ethernet for Zone 1

