

# ATEX Ethernet



## P-Ex media converters with op is interface

P-Ex OTR op is MC series media converters stand out because of their fiber optic connections conform to op is and their flexible interfaces. At the input RJ45 and LC multi- or singlemode fiber optics are available. It offers redundant power input as well as the option of 100Mbit or 1Gbit data transfer rate. 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.

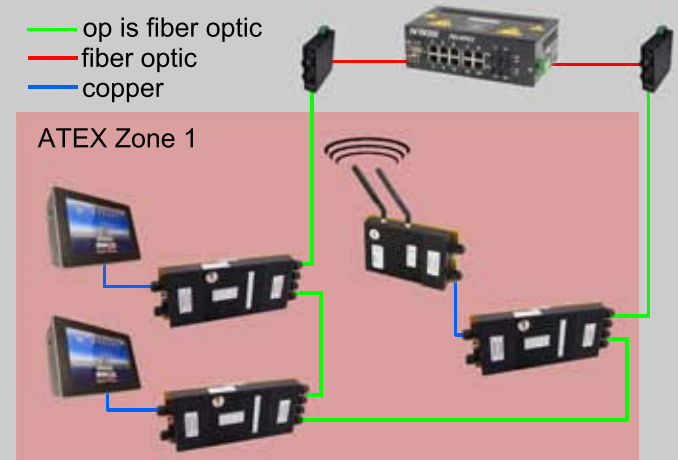
### Key Features

- 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 opis compliant (EN 60079-28)
- Connector types RJ45 and LC
- op is fiber optic connections up to 15 km
- Built up fiber optic ring topologies in ATEX zones

### Explosion protection

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

### Fully opis compliant ATEX Ethernet for Zone 1



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