



# ExConnection Rail® 8P

## Datasheet.

### Features.

- ✓ ATEX, IECEx and EAC-Ex Certification for hazardous areas
- ✓ High power POE+ Switch
- ✓ Flameproof enclosure for wall mount
- ✓ Protection level IP66
- ✓ Use even at arctic temperatures (-60°C)



Image similar to product

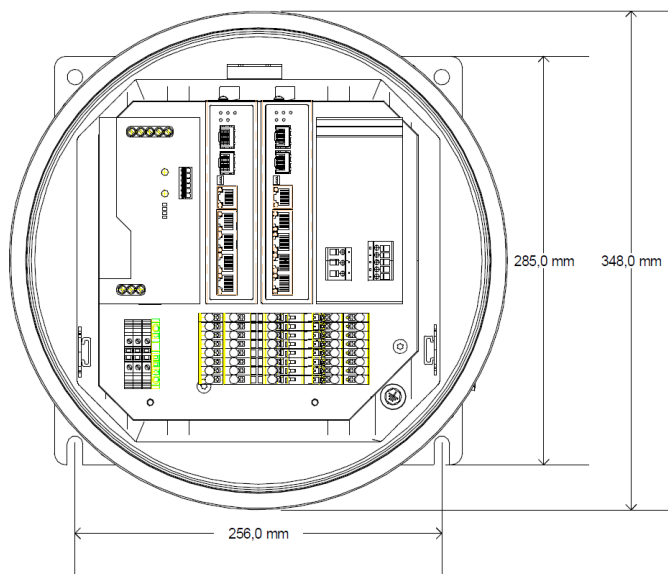
### Zone.

Groupe I (Mining)	ATEX / IECEx / EAC-Ex		Groupe II (Gas & Dust)		ATEX / IECEx / EAC-Ex				
category	Ma	Mb	Zone	0	1	2	21	22	
For use in	✗	✗	For use in	✗	✓	✓	✓	✓	✓

Further certificates upon request..

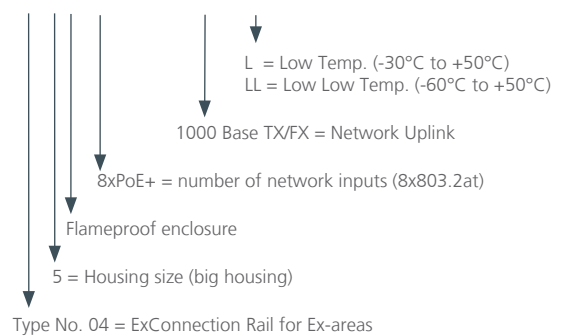
### Dimensions.

285 x 285 x 230 mm



### Models.

T04.5-D-8PoE+-1000BaseXX-X



## Data.



### Explosion protection:

Declaration of conformity:

DIN ENIEC/GOST ... 60079-0, DIN ENIEC/GOST ... 60079-1,  
DIN ENIEC/GOST ... 60079-31  
TUEV-10-ATEX-7969X, IECEx-TUR-16.0025X  
No. TC RU C-DE.AБ.61.B.00380/19

Ex- Certificates:

Ex- Marking:

Explosion protection (gas):

II 2G Ex db IIC T6 Gb\*

Explosion protection (dust):

II 2D Ex tb IIIC T80°C Db IP66\*

\*Deviations in the Ex-Marking of the standard article are possible; LL-Version Downgrade to T5

Optional and additional marking according to ignition protection type for all types: [ia Ga/Da], [ib Gb/Db], [op is], [op pr], mb, eb



### Mechanical characteristics:

Housing material:

Aluminum, copper-free and sea water resistant  
Coated in RAL 7032

Protection level:

IP66 (IEC/EN 60529)

Weight:

About 21 kg

Side left:

2 plugs - M25x1.5 outside-6kt spanner size 30

Side right:

2 plugs - M25x1.5 outside-6kt spanner size 30

Side top:

4 plugs - M25x1.5 outside-6kt spanner size 30

Side bottom:

8 plugs - M20x1.5 outside-6kt spanner size 24

2 plugs - M25x1.5 outside-6kt spanner size 30



### Environmental conditions:

Range of temperature:

T04.5-D-8PoE+XBBaseXX-L: -30°C to +50°C

T04.5-D-8PoE+XBBaseXX-LL: -60°C to +50°C



### Power supply:

Input voltage:

100 VAC - 240 VAC

Power consumption:

720 W (max.)

Rated current:

3 A @ 240 VAC (max.), 3 x PT4 terminals (L,N,PE)

Connection data input:

Conductor cross-section, solid min.: 0.2 mm<sup>2</sup>; max.: 6 mm<sup>2</sup>

Conductor cross-section, flexible min.: 0.2 mm<sup>2</sup>; max.: 4 mm<sup>2</sup>



### Network uplink:

Copper:

1 x 1000BaseFX, 1 x 1000BaseTX

Optical fiber connector:

1 x 1000BaseSX (Multimode 850nm, SFP/LC)

### Camera channels:

8 x PoE+ (10/100BaseT(X), IEEE 802.3at, max. 30W per Port), (RJ45 connector)

### Camera heater channels:

8 x 24 VDC @ 60W per channel

secured with T6000mA fuse

PTI 2.5 terminals

Conductor cross-section, solid min.: 0.14 mm<sup>2</sup>; max.: 4.0 mm<sup>2</sup>

Conductor cross-section, flexible min.: 0.20 mm<sup>2</sup>; max.: 2.5 mm<sup>2</sup>

### Included items:

Cable gland:

2 x cable gland - M25x1.5 (barrier cable gland)

Other equipment:

Permissible cable cross-section min.: 11.1 mm<sup>2</sup>; max.: 20.0 mm<sup>2</sup>

2 handles

### Optional accessory:

„Mobile“:

Mounted at a portable stainless steel frame

„Plug“:

All connections are pluggable. Different systems available.

Please note:

Deviations in the ex-marking are possible!