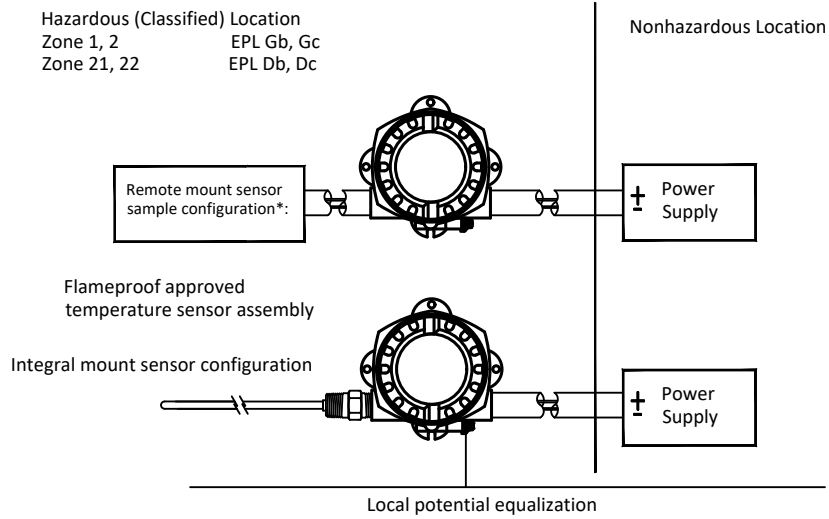


Applied standards: ATEX EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014  
 IECEx IEC 60079-0:2017, IEC 60079-1: 2014-06, IEC 60079-31:2013



**Safety instructions Installation:**



**WARNING**

- Do not open the electrical connection of the power supply circuit in an explosive atmosphere.
- Comply with the installation and safety instructions in the Operating Instructions.
- Install the device according to the manufacturer's instructions and any other valid standards and regulations (e.g. EN/IEC 60079-14).
- Only the approved wire entries as specified in paragraph 10.3 of EN/IEC60079-14, paragraph 16 of EN/IEC 60079-0, paragraph 13 of EN/IEC 60079-1 must be used.
- For connection through a conduit entry approved for this purpose the associated sealing facility shall be mounted directly to the housing.
- For operating the transmitter housing at an ambient temperature under -20 °C, appropriate cables and cable entries permitted for this application must be used.
- For ambient temperatures higher than +70°C, use suitable heat-resisting cables or wires, cable entries and sealing facilities for Ta +5K above surrounding.
- During operation, the cover must be screwed all the way in and the cover's safety catch must be fastened.
- Keep enclosure cover closed tightly and safety lock engaged when circuits are powered and an explosive atmosphere is present. Enclosure required 3mm hexagonal wrench to engage safety lock.

**FLAMEPROOF PROTECTION:**

- Seal the cable entries with certified cable glands and or blanking elements which have at least type of protection Ex db.
- The remote or integral mounted temperature sensor must comply with the requirements according to EN/IEC 60079-1.
- The temperature class specified for the certified temperature sensor shall be taken into account.

**DUST IGNITION PROTECTION:**

- In an explosive atmosphere, do not open the device (ensure that the IP 66/67 housing protection is maintained during operation).
- Seal the cable entries tight with certified cable glands which have at least type of protection Ex tb suitable for Group IIIC (degree of protection IP6X).
- The remote or integral mounted temperature sensor must comply with the requirements according to EN/IEC 60079-31.
- The temperature class specified for the certified temperature sensor shall be taken into account.



**Special Conditions of Use:**


- The flameproof joints are not intended to be repaired.
- The maximum surface temperature specified for the certified temperature sensor shall be taken into account.

Field Wiring and Sensor Connection: (3) 1/2"NPT

U: 11 ... 36 Vdc Current consumption: 23 mA, P: 1W

IECEx DEK 23.0037X, DEKRA 23ATEX0042 X


 II2G II2D  
 Ex db IIC - Ta: -40...+55/70/80°C T6/T5/T4 Gb  
 Ex tb IIIC - Ta: -40...+80°C T110°C Db

|   |  |                     |                               |                                     |                      |  |
|---|--|---------------------|-------------------------------|-------------------------------------|----------------------|--|
| <b>TITLE:</b><br>INSTALLATION DRAWING DEKRA, Ex db / tb, T142 |  | <b>PART NUMBER:</b> |                               | <b>REVISION DATE:</b><br>01/20/2023 |                      | <br><b>pyromation</b> <sup>inc.</sup><br>beyond measure<br>FORT WAYNE, INDIANA 260-484-2580 |
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