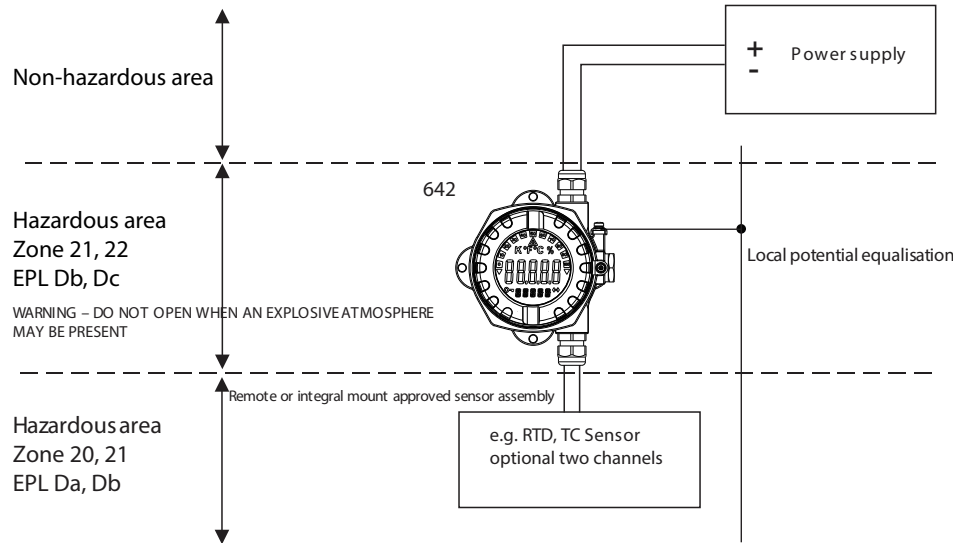


DEKRA 16ATEX0002 X; IECEx DEK 16.0011 X

Applied standards: ATEX: EN 60079-0 : 2012+ A11:2013
 EN 60079-31 : 2014
 IECEx: IEC 60079-0 : 2011+ Cor.2012+ Cor.2013
 IEC 60079-31 : 2013



Safety instructions:

Installation

- 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. IEC 60079-14).
- Seal the cable entries tight with certified cable glands.
- The provided cable entries to option code glands are suitable ATEX/IECEx Ex certified cable glands with a temperature range of -20 °C to +95 °C.
- For operating the transmitter at an ambient temperature under -20 °C, appropriate cables, cable entries and sealing facilities permitted for this application must be used.
- The housing of the field transmitter must be connected to the potential matching line.
- For ambient temperatures higher than +70 °C, use suitable heat-resisting cables or wires, cable entries and sealing facilities for Ta +5K above surrounding.
- Use for integral temperature sensors only approved sensors certified for category 1D or 2D marked not less than II1/2D Ex ta/Ex tb IIIC T110 °C Da/Db or II2D Ex tb IIIC T110 °C Db for use in Zone 20 or Zone 21.
- Use for remote temperature sensors only approved sensors certified for category 2D marked not less than II2D Ex tb IIIC T110 °C Db for use in Zone 21.
- The maximum surface temperature specified for the certified temperature sensor shall be taken into account.

Warning!

In an explosive atmosphere, do not open the device (ensure that the IP 66/67 housing protection is maintained during operation).

Type
642 HART® -protocol

Electrical Data
U ≤ 40 V dc
P ≤ 3 W

Category II2D
Type of protection (ATEX) Ex tb IIIC T110 °C Db

Type
642

Type of protection (IEC)
Ex tb IIIC T110 °C Db

Type
642

Type 642
Max. surface temperature +110 °C

Ambient Temperature
-40 °C ≤ Ta ≤ +80 °C

TITLE: 642 Safety Instructions (D)		PART NUMBER:		DATE: 09/10/2019	
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FORT WAYNE, INDIANA (260) 484-2580