

## Control Drawing Tab-Ex 02 DZ1 ATEX IECEx 45-5485

### Hazardous Locations (ATEX, IECEx)

IECEx: Ex db ia op is IIC T5 Gb  
Ex tb ia op is IIIC T100°C Db  
-20°C ≤ Ta ≤ +50°C

ATEX: Ⓜ II 2G Ex db ia op is IIC T5 Gb  
Ⓜ II 2D Ex tb ia op is IIIC T100°C Db  
-20°C ≤ Ta ≤ +50°C

#### Special Conditions for Safe Use:

##### IECEx SIR 19.0012X and Sira 19ATEX1017X.

- i. The equipment shall only be used in areas with a low risk of mechanical impact.
- ii. Electrical connections to the equipment are not permitted in the hazardous area.
- iii. The model 'Tab-Ex 02 DZ1 WWAN' shall only be opened for SIM Card access in the non-hazardous area as per Pepperl and Fuch's guidance document DOCT - 6352. All other equipment models shall not be opened by the end user for any reason; if either of the equipment's enclosures are opened or damaged, the following conditions shall apply:
  - a. The equipment must be removed from the explosive atmosphere immediately and will not be suitable for re-use until it is repaired by the OEM.
  - b. If the outer enclosure is damaged precautions shall be taken to ensure the internal flameproof enclosure is not subject to static charging.
  - c. If the inner flameproof enclosure is opened, the equipment must never be used in an explosive atmosphere unless it has been repaired and re-sealed by the OEM.

### Ordinary Locations

#### Electricity Supply:

Must meet Dock Interface values of Um = 250V and Im = 100A

#### Power Supply Unit (PSU):

**EU:** A CE marked device must be used.

**IECEx:** It must be ensured that the power supply used fulfills all national approvals and requirements of the country in which it is used.

USB Clinet (e.g. memory stick) or  
USB Host (e.g. PC)

connect to ...

#### ecom accessories:

- Safety Box SB T01 X1 or
  - Docking Station DS T01 X1
- Charging Temperature: -5°C to +45°C

connect to ...



Dock Interface

Dock Interface

#### Dock/USB Interface Tab-Ex 02 DZ1:

Charging and wired data connection are only allowed in safe area.

It is only allowed to connect the following devices to the Tab-Ex 02 DZ1 USB/Docking interface:

- Safety Box SB T01 X1
- Docking Station DS T01 X1

The power supply unit and USB device used must fulfill any national requirements/approvals.

The electricity supply must match with the Dock Interface parameter of Um = 250V and Im = 100A.