



ATEX ENCLOSURE FOR INDUSTRIAL GATEWAY

Wireless IoT vibration sensors



The ATEX enclosure has been designed to protect the IIoT Gateway (model 1111) in outdoor or industrial indoor conditions. Enclosure includes gateway AC/DC power supply, DC cable and gateway holder, Ethernet plug. Class II design (no FG pin).

The enclosure is specially tested for Zone 2 in accordance with IEC/EN 60079-0 and IEC/EN 60079-15. The ignition protection type nR (vapour safety) covers Zone 2 and thus enables this special solution.

- Labelling according to 2014/34/EU: Ex II 3G
- Protection class (gas): Ex nR IIC T6 Gc
- EU type examination certificate: BVS 20 ATEX E 103 X
- International certificates: IECEx BVS 20.0081X

FEATURES

- nR' tested polyester enclosure
- Resistant to chemicals
- Halogen-free, UV-resistant
- Seawater resistant

AMBIENT CONDITIONS

- Ambient temperature -20-50 °C
- Storage temperature -40-85 °C
- Relative humidity 20-90 %, noncondensing
- Flammability rating: UL 746C



■ MECHANICAL SPECIFICATIONS

- Degree of protection IP66 for enclosure
- Protection class according to EN 60529
- Pressure equalizer plug
- Wall mounting
- Impact strength: IK08
- Color: black
- Enclosure material glass fibre reinforced polyester
- Connection technology via cable gland
- Power supply: 230V AC / 50 Hz
- Ethernet adapter: optional

■ MAINTENANCE

Inspection and maintenance in accordance with IEC/EN 60079-17 for electrical systems (close-up inspection for damage).