

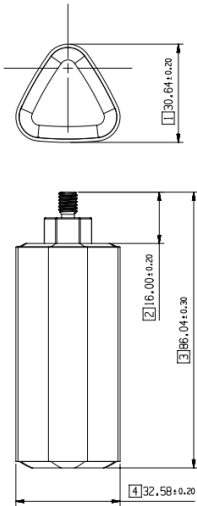
**OPTIME-SET-AWX5-EX-GLB3**

## Wireless condition monitoring sensor



Wireless condition monitoring sensor measuring acceleration and temperature, non-replaceable battery, supports Wirepas mesh-network

## Technical information

**Your current product variant**

|                                |                        |                        |
|--------------------------------|------------------------|------------------------|
| Region                         | GLB2                   | EU, world (2)          |
| Measurement types              | Vibration, Temperature | Vibration, Temperature |
| Communication sensor - gateway | Wirepas                | Wirepas mesh network   |
| Mounting                       | M6                     | DIN13-1 metric thread  |
| Explosion Protection           | Zone 1                 | Zone 1/21              |

**Measurement**

|           |  |                            |
|-----------|--|----------------------------|
| $f_l$     | 2 Hz   | Lower frequency limit      |
| $f_h$     | 5.000 Hz   | Upper frequency limit      |
| $a_{max}$ | 16   | Amplitude range $\pm$      |
|           | 3  | Number of measurement axis |
|           | RMSLow, RMSHigh, ISO, KurtosisLow, KurtosisHigh, H | Calculated KPI             |
|           | Yes  | Time waveform              |
| $m$       | 0,1 kg   | Weight                     |

**Communication**

|   |                  |  |
|---|------------------|--|
| f | 2,4 GHz ISM band | Frequency band communication, sensor - gateway |
| l | 100 m            | Sensor range (line of sight)                   |
|   | per NFC          | Sensor activation                              |



### Main Dimensions & Performance Data

|                |          |                           |
|----------------|----------|---------------------------|
| h              | 86,04 mm | Sensor height (with bolt) |
| b <sub>1</sub> | 32,58 mm | Sensor width (1)          |
| b <sub>2</sub> | 30,64 mm | Sensor width (2)          |

### Technical data

|                  |        |                         |
|------------------|--------|-------------------------|
| T <sub>max</sub> | 85 °C  | Upper temperature limit |
| T <sub>min</sub> | -40 °C | Lower temperature limit |
|                  | IP 69K | Ingress protection      |
| t <sub>bat</sub> | 5      | Calculated battery life |