

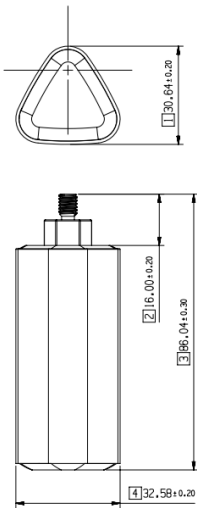
**OPTIME-SET-AWX5-EX-GLB3**

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 ₁ | 32,58 mm | Sensor width (1) |
| b ₂ | 30,64 mm | Sensor width (2) |

Technical data

| | | |
|------------------|--------|-------------------------|
| T _{max} | 85 °C | Upper temperature limit |
| T _{min} | -40 °C | Lower temperature limit |
| | IP 69K | Ingress protection |
| t _{bat} | 5 | Calculated battery life |