

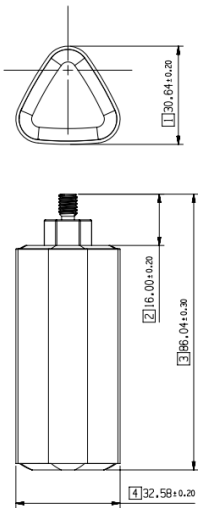
**OPTIME-SET-AW3A-GLB4** [↗](#)

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**

Measurement types	Vibration, Temperature	Vibration, Temperature
Communication sensor - gateway	Wirepas	Wirepas mesh network
Mounting bolt	M6	DIN13-1 metric thread
Explosion Protection	None	None

Measurement

f_l	2 Hz	Lower frequency limit
f_h	3.000 Hz	Upper frequency limit
a_{max}	16	Amplitude range \pm
	1	Number of measurement axis
	RMSLow, RMSHigh, ISO, KurtosisLow, KurtosisHigh, H	Calculated KPI
	Yes	Time waveform
$\approx m$	0,1 kg	Weight

Communication

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



Main Dimensions & Performance Data

h	86,04 mm	Sensor height (with bolt)
b ₁	30,64 mm	Sensor width (1)
b ₂	32,58 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