

TECHNICAL DATASHEET

Wireless Vibration Sensor - Wi-care 130 G23



PRODUCT FEATURES

Vibration measuring range [g]	+/- 40g
Frequency range [Hz]	2Hz to 10kHz
Number of measurement axes	3
Temperature measurement	Yes
Temperature measurement range	-40°C to +125°C
Standard measurement cycle	4 measurements per day
Sensor type or technology	Piezo : X, Y, Z
Minimal period between measurements	15 minutes
Protection class	IP67
Spectrum resolution	Up to 16000 lines

ELECTRICAL DATA

Power supply	Battery Lithium Thionyl Chloride 3,6V 8,5 Ah
Battery life	5 years based on standard measurement cycle

ACCURACY / DRIFT

Sensitivity (mV/g)	25 mV/g
Sensitivity tolerance	+/- 15%
Sampling Freq.	66.6kHz std / 160kHz DNA
Ampl. Linearity (%FSO)	+/- 1%

SOFTWARE/PROGRAMMING

Interface for display data	I-see
Alert via SMS, EMAIL	Yes
External software compatible	Yes
Parameterisation options	Yes

COMMUNICATION

External software compatible	Yes
Parameterisation options	Yes

OPERATING CONDITIONS

Ambient temperature [°C]	-10°C to +85°C
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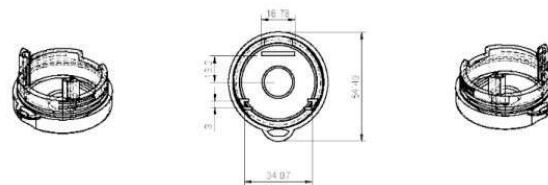
MECHANICAL DATA

Weight [g]	190g
Mounting type	Glue stud, M6 stud, M8 stud

COMPLIANCE

Ex	IS Class 1, Div. 1, Group ABCD Ex ia IIC T4 Ga Class 1 Zone 0 AEx ia IIC T4 Ga
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Other



FREQUENCY RESPONSE

