

Wi-care™ G23



Power Source

Power Supply Lithium Thionyl Chloride Battery 3,6V 8,5Ah

Battery Life 5 Years Based
on Standard Measurement Cycle

Software/Programming

Data Display Interface I-see™

Alert via SMS, Email Yes

External Software Compatibility	Yes
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Parameterization	Yes
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Operating Conditions

Ambient Temperature -10 °C to 85 °C / 14 °F to 185 °F

Compliance

Ex Class I, Div. 1, Group ABCD
Class II, Div. 1, Group EFG T135 °C
Ex ia IIC T4 Ga
Class I Zone 0 AEx ia IIC T4 Ga
II 2 D Ex ia IIIB T135 °C Db

Certifications



Product Features

Vibration Measuring Range $\pm 40g$

Frequency Range 2Hz to 22 kHz
in the 3 Axes (X,Y,Z)

I-DNA (Ultrasonic Measurement)	160 kHz
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Measurement Axes 3 (X,Y,Z)

Temperature Measurement	Yes
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Temperature Measurement Range	-40 °C to 125 °C -104 °F to 257 °F
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Sensor Technology Piezo (X,Y,Z)

Protection Rating	IP67
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Spectrum Resolution Up to 16000 Lines (standard)

Communication

Wireless Protocol Secure Open Thread
(IEEE 802.15.4)

Broadcast Range 100m / 328 ft (sight line)

Accuracy/Drift

Sensitivity 25 mV/g

Sensitivity Tolerance $\pm 15\%$

Sampling Frequency	66.6 kHz (standard) 160 kHz (I-DNA)
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Amplitude Linearity (%FSO) ± 1%

Mechanical Data

Weight 190 g / 6,70 oz

Mounting Type Glue Stud, M6 Stud,
M8 Stud, Magnet



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