

TECHNICAL DATA SHEET

WI-CARE 130 G23

PRODUCT FEATURES

Vibration measuring range [g]	+/- 40g
Vibration measurement range [mm/s]	from 31200mm/s @2Hz to 6.2mm/s @10kHz
Frequency range [Hz]	2 Hz to 160 kHz
Number of measurement axes	3
Temperature measurement (Yes/No)	Yes
T° measurement range	-40°C - + 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 16.000 lines

ELECTRICAL DATA

Power supply	Battery Lithium Thionyl Chloride 3,6V 8,5 Ah
Battery life	5 years based on default operation

ACCURACY / DRIFT

Sensitivity (mV/g)	25mV/g
Sensitivity Tolerance	+/- 15%
Frequency Range (+/-3dB)	2 Hz to 10 kHz
Amplitude Linearity (%FSO)	+/- 1%

SOFTWARE/PROGRAMMING

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

COMMUNICATION

External software compatible	Yes
Parameterisation options	Yes

OPERATING CONDITIONS

Ambient temperature [°C]	-20 °C à +85°C
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MECHANICAL DATA

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

ACCESSORIES

Mounting adapter	Insert
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