

Technical data

Certification(s)	
	II 1 GD
	IM1
	Ex ia I Ma
	Ex ia IIC 150°C (T3) Ga
EX (hazardous areas)	Ex ia IICT146°C Da
	CI I, Zn 0, AEx ia IICT150°C Ga
	CI I, Div. 1, Grps ABCD
	CII I, Zn 20, AEx ia IICT146°C Da
	CIII, Div 1, Grps EFG
	CIII, Div 1
IP (Ingress Protection) class	IP 66
Temperature	
Measurement range	-22°F... +185°F (-30°C... +85°C)
Resolution	1°C
Accuracy	±2°C
Vibration	
Amplitude range	+/- 2g
Frequency range	1 Hz – 1.6 kHz
Detection type	RMS
Wireless communication	
Network standard	Bluetooth Low Energy
Radio standard	IEEE 802.15.1C
Frequency	2402-2480 MHz
Range (nominal)	>26ft (8m) @ line-of-sight
Environmental	
Storage temperature	+14°F... +86°F (-10°C... +30°C)
Operating temperature	-22°F... +185°F (-30°C... +85°C)
Power	
Battery type	3.6V LiSOCl ₂ cells Lithium thionyl chloride cell battery is not replaceable
	-22°F... +122°F (-30°C ... +50°C)
Estimated battery life*	2+ years with measurement taken once per hour and data collected once per day by mobile device. +123°F... +185°F (+51°C ... +85°C)
	1+ year with measurement taken once per hour and data collected once per day by mobile device.
Physical	
Weight	60 grams
Case material	Stainless steel/thermoplastic/silicone
Dimension	60.5mm x 26.4mm
Mounting	Male 1/8" - 27 PTF SAE



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Additional information

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