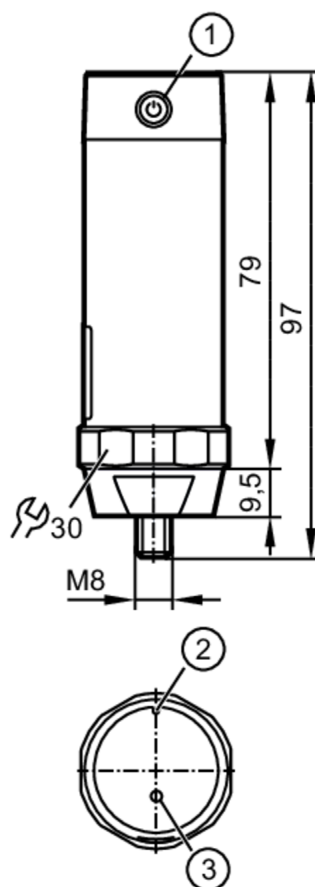




Wireless vibration sensor

VIBRATION SENSOR WIRELESS



- 1 mains switch
2 notch for orientation
3 status LED



Product characteristics

Measuring range of vibration [g]	-16...16
Measuring range of vibration [mm/s]	0...25
Frequency range [Hz]	10...1000

Application

Application	vibration sensor to ISO 10816
Radio approval for	USA; Canada; EU/RED; Australia; Brazil
Note on radio approval	The list of countries applying the European Radio Equipment Directive 2014/53/EU (RED) can be found under "Downloads".

Electrical data

Operating voltage [V]	3.6 DC; (lithium thionyl chloride battery; battery life: > 4 years battery cannot be replaced)
Protection class	III
Sensor type	microelectromechanical system (MEMS)

Measuring/setting range

Measuring range of vibration [g]	-16...16
Measuring range of vibration [mm/s]	0...25
Frequency range [Hz]	10...1000



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VIBRATION SENSOR WIRELESS

Number of measurement axes		3	
Temperature measurement			
Measuring range		[°C]	-30...80
Resolution		[°C]	0.1
Accuracy / deviations			
Accuracy		≤ 10 %	
Linearity deviation		≤ 10 %	
Software / programming			
Parameter setting options		MQTT	
Interfaces			
Frequency band		2,4 GHz ISM	
Range		< 25 m	
Safety standard		AES-128	
Protocol		proprietary	
Operating conditions			
Ambient temperature		[°C]	-30...80
Note on ambient temperature		-20...55 °C recommended temperature for maximum battery life	
Storage temperature		[°C]	-30...80
Protection		IP 68	
Tests / approvals			
EMC		DIN EN 61000-6-2	
		DIN EN 301489-1	
		DIN EN 301489-17	
Mechanical data			
Weight		[g]	169.3
Type of mounting		set screw; (M8)	
Materials		housing: stainless steel (1.4404 / 316L); polyethylene	
Tightening torque		[Nm]	8
Аксессуары			
Items supplied		Mounting adapter	
Remarks			
Pack quantity		1 pcs.	