

Wireless Sensor *Accelerometer*





T-Sens Accelerometer

Description

Wireless Module for measuring the acceleration of an object or person. Measurements consist in linear acceleration on 3 axis (X,Y,Z). Compatible for operations with T-Log Datalogger , T-DAC module or T-USB Key.

Fields of use

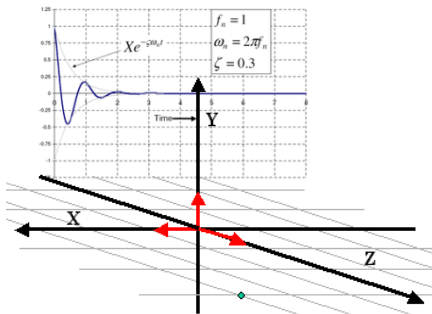
- Ergonomics
- Prevention
- Research
- Workplace analysis
- Sport
- and more...



Ref.: C2026

Applications

- Movement analysis
- Vibration
- Dynamic analysis



Sensor specifications

Number of channels	3 (X, Y, Z)
Calibration	N/A
Unit	g
Frequency	128Hz channel
Resolution	3 mg
Measuring range	+/- 6g / +/- 0.2 oz
Linearity	120mg / 0.004 oz
Offset max (X, Y)	+/- 30mg / +/- 0.001 oz
Offset max (Z)	+/- 20mg /

Electrical specifications

Power supply	Li-Ion Battery 190mAh
Autonomy	8hrs
Recharging time	3hrs

Mechanical specifications

Dimensions	52mm x 25mm x 14mm
Weight	20g

Operating conditions

T°	0°C to 40°C
Humidity	< 60%

