



## Low Power Accelerometer TM0784A

### General Purpose Portable Meter Accelerometers

The TM0784A is ideal for battery powered portable meter applications which require measuring vibration with a lower power supply voltage.

### Specifications

#### *Electrical*

Sensitivity:

100mV/g, @ 25°C, ±10%

Frequency Response:

1.0 - 10,000Hz (±3dB)

Acceleration Range:

10g

Isolation:

Case and circuit are fully isolated

Electrical Noise:

0.0007g

Power Requirement:

3 - 10mA constant current

9 - 30VDC

Nominal Bias Voltage:

6.0 VDC

Resonance Frequency:

20 kHz

Maximum Transmission Distance:

300 meters (1,000 feet)

#### *Environmental and Physical*

Temperature Range:

-50°C to +120°C

Environmental Protection:

IP67



CE

Weight:

90 grams

Case Material:

Stainless steel

Mounting:

1/4-28UNF tapped hole

Installation Torque:

29N x M

### Order Information

#### **TM0784A-K**

Accelerometer kit includes:

- ✓ TM0784A Accelerometer
- ✓ PT908-CB

#### **Accessories**

PT600-TP: accelerometer tip, 50mm

PT600-MG: magnet for accelerometer

PT908-CB: cable from accelerometer to PT908