



## Low Power Accelerometer TM0784B

### General Purpose Portable Meter Accelerometers

The TM0784B is ideal for battery powered portable meter applications which require measuring vibration with a lower power supply voltage.

### Specifications

#### Electrical

<b>Sensitivity:</b>	100mV/g, @ 25°C, ±10%
<b>Frequency Response:</b>	1.0 - 10,000Hz (±3dB)
<b>Acceleration Range:</b>	10g
<b>Isolation:</b>	Fully isolated
<b>Electrical Noise:</b>	0.0007g
<b>Power Requirement:</b>	3 - 10mA constant current 9 - 30VDC
<b>Nominal Bias Voltage:</b>	6.0 VDC
<b>Resonance Frequency:</b>	20 KHz
<b>Maximum Transmission Distance:</b>	300 meters (1,000 feet)

#### Environmental and Physical

Temperature Range:	-50°C to +120°C
Environmental Protection:	IP67
Weight:	90 grams
Case Material:	Stainless steel

Mounting: 1/4-28UNF tapped hole



Installation Torque: 29N x M

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### Order Information

#### TM0784B-K

Accelerometer kit includes:  
✓ TM0784B Accelerometer

#### Accessories

PT600-TP: accelerometer tip, 50mm  
PT600-MG: magnet for accelerometer