

# M6 Dual Accelerometer

**High precision & high reliability**

- Built-in damping and over-range stops
- Safe over-range limits
- Force up to 2000 G's without damage to sensor
- Temperature compensated for accurate response over entire temperature range
- High slew rate operational amplifiers (1.2 V per microseconds)
- Internal RF shielding on each pin



## M6 General Specifications:

Operating Voltage .....	15-30 VDC
Operating Temperature .....	-50°C to +85°C
Sensitivity .....	25 mV/G (±1.0% typical)
Frequency response .....	0 to 2300 Hz
Zero Acceleration output .....	10 VDC (typical)
Damping .....	0.7% (typical)
Frequency response .....	0 to 2300 Hz
Linearity .....	±1.0% (max)
Dimensions .....	102x108x51 mm (4.0x4.25x20 in)
Weight .....	0.725 kg (1.6 lbs)

## M6 Interface Connector:

Connector Type .....	MS3102E14S-2P
Pin A .....	Loop Accelerometer Active
Pin B .....	Return (common)
Pin C .....	Sim Accelerometer Active
Pin D .....	Power (typically +30V)

