Product Features

**Low Cost Triaxial Sensor**

Speeds Data Collection

- ±15% Sensitivity
- Monitor 3 Channels of Data Simultaneously
- Affordably Priced

### AC115-M12D

**Specifications**

**Part Number**
- AC115-M12D (M/AC115-M12D)

**Vibration**
- Sensitivity (±15%)
  - Standard 100 mV/g
- Frequency Response (±3dB)
  - Standard 60-390,000 CPM
- Dynamic Range
  - ± 50 g, peak

**Electrical**
- Settling Time
  - <2.5 seconds
- Voltage Source (IEPE)
  - 18-30 VDC
- Constant Current Excitation
  - 2-10 mA
- Spectral Noise @ 10 Hz
  - 27 µV/Hz
- Spectral Noise @ 100 Hz
  - 6.5 µV/Hz
- Spectral Noise @ 1000 Hz
  - 2.5 µV/Hz
- Output Impedance
  - <100 ohm
- Bias Output Voltage
  - 10-14 VDC
- Case Isolation
  - >10⁹ ohm

**Specifications**

**Environmental**
- Temperature Range
  - -58 to 250°F
  - -50 to 121°C
- Electromagnetic Sensitivity
  - CE
- Sealing
  - Welded, Hermetic

**Physical**
- Sensing Element
  - PZT Ceramic
- Sensing Structure
  - Shear Mode
- Weight
  - 7.1 oz
  - 200 grams
- Case Material
  - 316L Stainless Steel
- Mounting
  - 1/4-28
- Connector (non-integral)
  - M12
- Mounting Torque
  - 1 to 2 ft. lbs.
  - 1.4 to 2.7 Nm
- Mounting Hardware
  - 1/4-28 Captive Bolt
  - M6x1 Captive Bolt
- Calibration Certificate
  - CA10

**Ordering Information**

**Standard**
- AC115-M12D (1/4-28 Captive Bolt)

**Metric**
- M/AC115-M12DM (M6x1 Captive Bolt)

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Backed by our Unconditional Lifetime Warranty