



VELOCITY VIBRATION TRANSDUCER

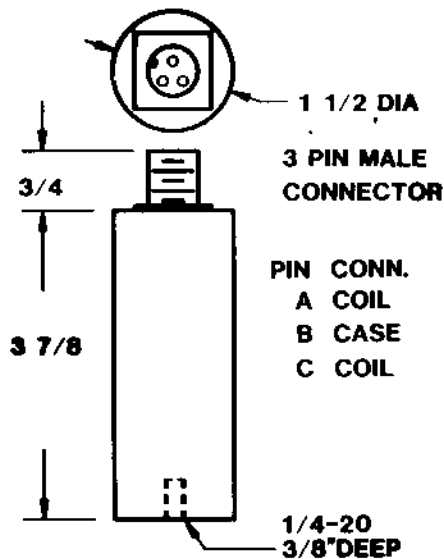
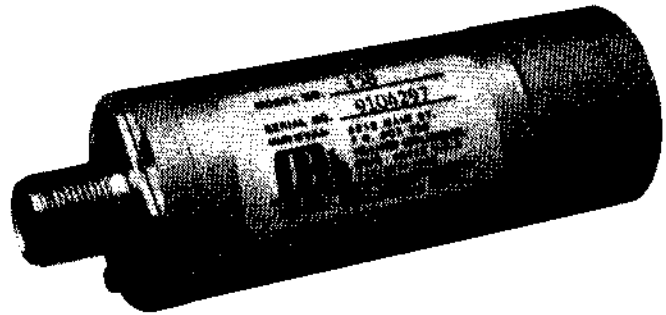
Model 158

FEATURES:

- General Purpose
- Rugged Anodized Aluminum Case
- Hermetically Sealed
- Easy Connections
- Self-generated Output-No Electronics

APPLICATIONS:

- Machinery Monitoring
- Engine Monitoring
- Predictive Maintenance
- Rotating Machinery



SPECIFICATIONS:

DYNAMIC:

SENSITIVITY	±5% @ 20°C	278 mV (RMS) per in/sec (peak)
VELOCITY RANGE		0.25 inch (peak to peak)
FREQUENCY RESPONSE		9 to 2,000 Hz
TRANSVERSE SENSITIVITY		2% of Axial

ELECTRICAL:

COIL RESISTANCE	7500 Ohms ±10%
COIL CONNECTIONS	Between Pin A to Pin-C
GROUNDING	Case Grounded/Pin B

ENVIRONMENTAL:

TEMPERATURE RANGE	29°C to +121°C (-20°F + 250°F)
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SHOCK LIMIT

1,000 g's

PHYSICAL:

WEIGHT	309 grams (10.9 oz.)
CASE MATERIAL	Anodized Aluminum
MOUNTING	1/4-20 tapped hole x 3/8" deep

OUTPUT CONNECTOR

Amphenol MS 97-3102A-10SL 3P, 3 Pin

MATING CABLE CONNECTOR

Amphenol MS 97 3106A-10SL-3S, 3-Pin

CABLING

EPDM Rubber Jacket, Belden 8413



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IS TECH INTERNAL STANDARD TECHNOLOGY

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