

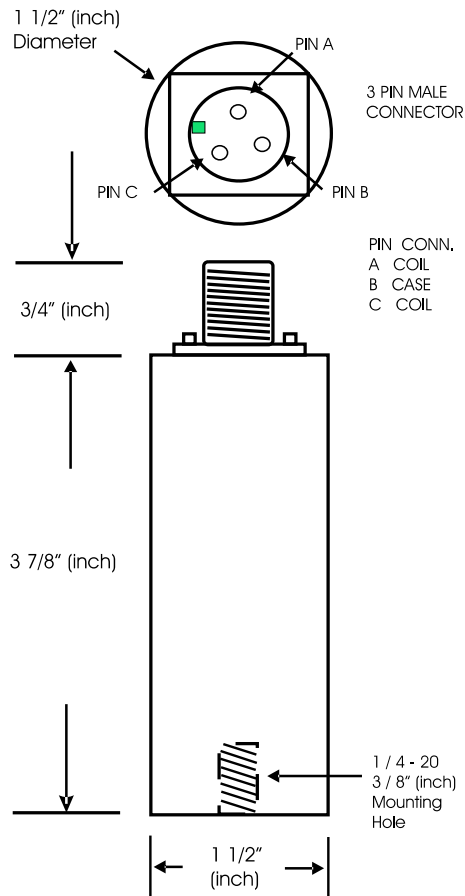
Model 158 Velocity Vibration Transducer

Features:

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

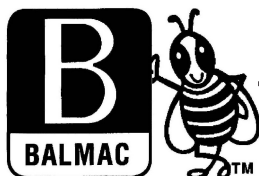
Applications

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



Specifications:

| | |
|-------------------------------|---|
| DYNAMIC | |
| SENSITIVITY $\pm 5\%$ @ 20°C | 278 mV (RMS) per in/sec (peak) |
| MAXIMUM RANGE | 0.25 inch (peak-to-peak) |
| FREQUENCY RESPONSE | 9 to 2000 Hz |
| TRANSVERSE SENSITIVITY | 2% of Axial |
| ELECTRICAL | |
| COIL RESISTANCE | 7500 Ohms $\pm 10\%$ |
| COIL CONNECTIONS | Between Pin A to Pin C |
| GROUNDING | Case Grounded Pin B |
| ENVIRONMENTAL | |
| TEMPERATURE RANGE | -29°C to +121°C (-20°F to +250°F) |
| 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 |



BALMAC INC.
8205 Estates Pkwy, Ste N
Plain City, OH 43064-8080 USA

Telephone: 614-873-8222
Email: sales@balmacinc.com

balmacinc.com