



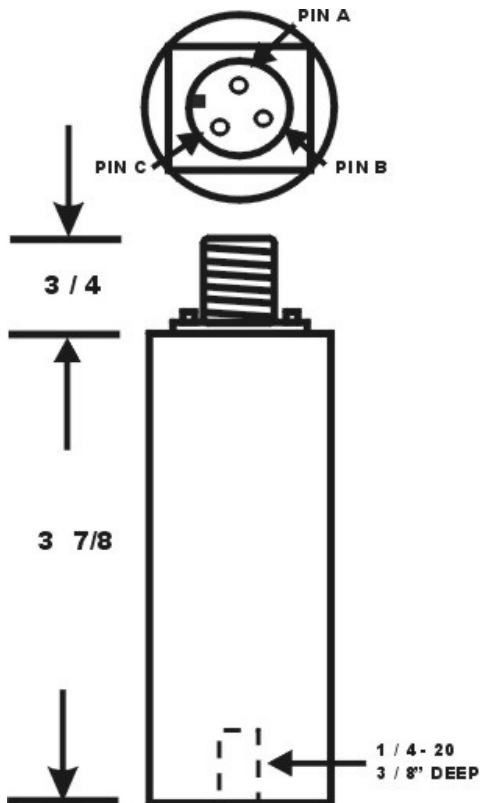
# Model 158 Velocity Vibration Transducer

## 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 +/-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 +/-10% COIL CONNECTIONS Between Pin A to Pin C GROUNDING Case Grounded Pin B

### ENVIRONMENTAL

TEMPERATURE RANGE -29°C to +12°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