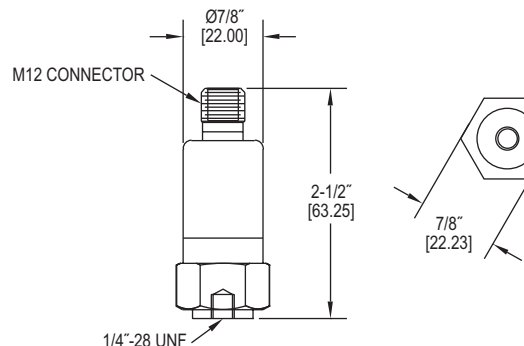


# VIBRATION TRANSMITTER

Continuous 4-20 mA Output Signal



The **Model VBT-1 Vibration Transmitter** continuously detects the vibration in a system and monitors for unusual operating conditions and potential failure. The vibration is converted into an analog signal at the current output. The 2-wire loop power operation, combined with standard M12 micro cable connector and interchangeable mounting studs, make for a fast and reliable installation.

## FEATURES/BENEFITS

- Easy set-up and operating concept
- Stainless steel housing
- No software required

## APPLICATIONS

Vibration monitoring for:

- Motors
- Pumps
- Fans
- Engines
- Compressors
- Gear boxes

## SPECIFICATIONS

**Housing Material:** 316 SS.  
**Temperature Limit:** -22 to 221°F (-30 to 105°C).  
**Accuracy:** < ±3%.  
**Connections:** M12 connector.  
**Enclosure Rating:** NEMA 6 (IP68).  
**Electrical Rating:** 9.6-32 VDC.  
**Mounting Orientation:** Any position.  
**Nonlinearity:** < ±0.25% of span.  
**Frequency Range:** 10 to 1000 Hz.  
**Output Signal:** 4-20 mA.  
**Repeatability:** < 0.5%.  
**Weight:** 0.28 lb (0.125 kg).  
**Agency Approvals:** CE.

## MODEL CHART

Model	Description
VBT-1	Vibration transmitter

## ACCESSORIES

Model	Description
A-283	4 wire connector