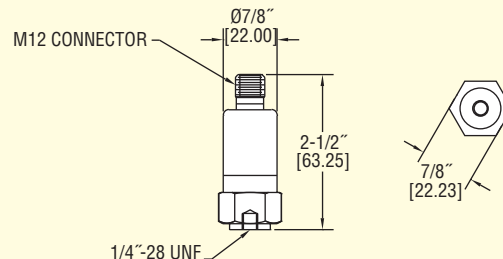




Model  
VBT-1

# Vibration Transmitter

Continuous 4 to 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 VBT requires no setup, and there is no software required for configuration. The 2-wire loop power operation, combined with standard M12 micro cable connector and interchangeable mounting studs (1/4"-28 UNF/M8 (2) or the 1/4"-28 UNF), makes for a fast and reliable installation.

## FEATURES

- Easy set-up and operating concept
- 4 to 20 mA output
- No software required
- Stainless steel housing

## APPLICATIONS

Vibration monitoring for:

- Motors
- Pumps
- Fans
- Engines
- Compressors
- Centrifuges
- Generators
- Turbo chargers
- Gear boxes
- Conveyors

## 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 to 32 VDC.

**Mounting Orientation:** Any position.

**Nonlinearity:** < ±0.25% of span.

**Frequency Range:** 10 to 1000 Hz.

**Output Signal:** 4 to 20 mA.

**Repeatability:** < 0.5%.

**Weight:** 0.28 lb (0.125 kg).

**Agency Approval:** CE.

**Model VBT-1, Vibration Transmitter**