

# VBL Vibrating Level Sensors



## Flexible by Design

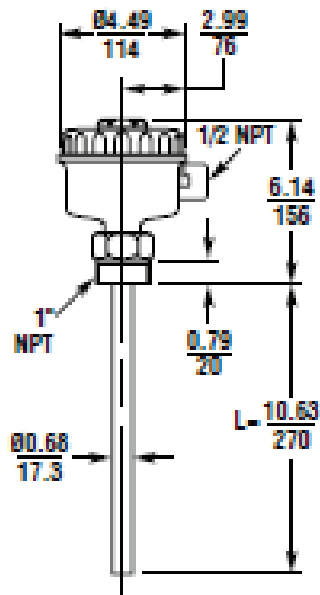
The VBL vibrating level sensor works well with solids of many types in medium and large sized hoppers. The VBL allows you to adjust the sensitivity setting to accurately detect the presence of different types of solids.

### Features

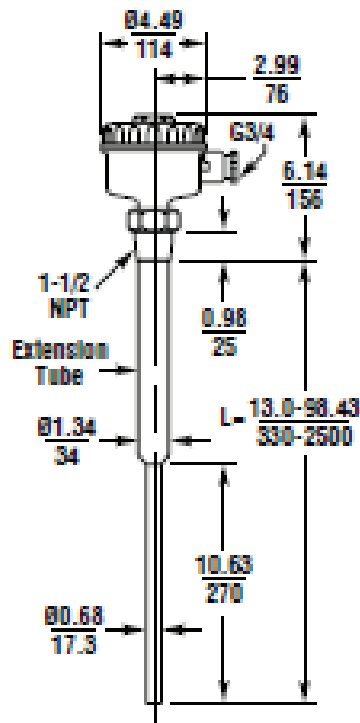
- Miniature size
- Simple torque adjustment
- Reliable design
- Low cost

# PWS Specifications

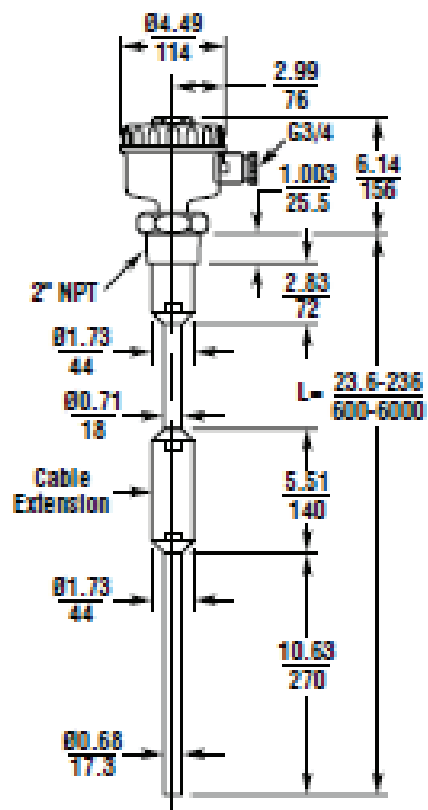
VBL-12



VBL-22



VBL-32



## Performance

- 1 SPDT switch
- Sensitivity Adjustments:
  - Very high - Fluidized powders
  - High - Fine powders
  - Standard - Bulk density 0.5 g/cm<sup>3</sup>
  - Low - Sticky media

## Physical

- Housing:
  - Aluminum Die Cast
- Vibration Probe:
  - 304 SS
  - Optional 316L SS

## Electrical

- Output Contact Rating:
  - 240 V 3 A AC; 30 V 3 A DC (resistive)

## Environmental

- Ratings: IP65, NEMA 4
- Operating Temp:
  - 4° - 140°F (-20° - 60°C)

# Options

Part Number: VBL-      -      -      -      -      -      -      -     

A            B            C            D            E            F            G            H

## A. Length Category

- 12** 10.62 in (270 mm) - Compact
- 22** 13 in - 13 ft (330 - 2500 mm) Extension tube
- 32** 2 - 20 ft (600 - 6000 mm) Extension cable

## B. Mounting Type

- N** Plug type
- F** Flange type
- G** Flange with protective shield (Gaurd)
- Z** Other

## C. Mounting Type

- 0** Flat face flange
- 1** Raised face flange
- 4** Plug mount

## D. Mounting Details

- G\_** G plug
- R\_** R plug
- T\_** NPT plug
- J\_** JIS flange
- A\_** ANSI flange
- D\_** DINI flange
- X\_** Other

## E. Material

- S** 304 SS
- S6** 316L SS

## F. Supply Voltage

- A** 90-132/180-264 VAC
- D** 24 VDC

## G. Cable Entries

- G** G 3/4
- T** 1/2 NPT

## H. Length of Probe

- L** (specify mm)

