

Mini Vibrating Probe Switch

Theory of Operation

Mini Vibrating Probe Switch operates by using piezoelectric elements built inside the ball float which generate frequency signal in exchange. Resonance frequency happens when a tank is empty. The frequency of the tank decreases when being immersed therefore converted into a switching command.

Product Character

- Small dimension, low space required
- Suitable over 0.5-2000 mm ranging with 0.050 mm resolution
- Wide range of power supply: 24V-220V AC/DC, 200mA-1.0A or 100mA/24VDC (option)
- LED warning status indicator
- 3W connector
- Resonance density of 100kg/cm³ (Solid) or 10kg/cm³ (Liquid)



Product Features

- Low cost
- Easy installation
- Easy connectivity with PLC or PC
- Offers magnetic fielding to improve power handling

Product Application

- Level detection
- Pump protection
- High liquid level warning
- Leakage detection
- Mass control

Product Dimension

