

Mini Vibrating Probe Switch

Theory of Operation

The Vibrating Probe Switch operates by using piezoelectric elements built inside the tool that emit resonance frequency signals in response. Resonance frequency happens when a tool is struck. The frequency of the first deceleration when being struck will translate the converted into a switching command.

Product Character

- Small dimension, less space required
- Ballless steel EUBM housing or In EUBM, tool
- Wide range of power inputs (2P (200W/100), 3P (1 Series) 11-200W/100) series
- LED working status indicator
- 0V not needed
- Resonance levels of 500µm/s² (5m/s) 0.1µm/s² (5µm/s)



Product Features

- Low cost
- Easy installation
- Easy connectivity with PLC or PC
- Offers multiple settings to improve probe handling

Product Application

- Laser protection
- Flange protection
- High speed tool changing
- Leakage detection
- Motor control

Product Dimension

