

Vital -T - Compact Vibrating Fork Type Level Limit Switch

Vital-T is a compact level switch suitable for all kinds of free flowing solids . It is a very compact level limit switch used in silos and hoppers. where the process temperature ranges between 0°C to +150°C .



Principle

A tuning fork made of stainless steel is kept vibrating at its resonant frequency by ceramic elements. When the service material covers the tines of the fork, vibration is damped. This damping is sensed electronically and the processed signal is used to energize a relay whose contacts in turn are used for annunciation and / or control.

Features

- Universal Power Supply: 18-30 V DC
- Compact in size
- Smoother fork made by special process
- Operational temperature: 0°C to 150°C (Fork)
- Status indications for temperature overshoot, fork health
- Silent operation for operator's peace of mind
- No calibration required, easy to install
- Service friendly plug in connection
- Operational safety, reliability
- Easy circuit testing by test magnet

Applications

Vital-T is suitable for all Fast packaging machines for powders the following applications are:

- Detergent
- FMCG powder product like Bournvita
- Red Chilli powder
- Turmeric powder

Parts

The parts of Vital are explained in the following figure (Figure 1).

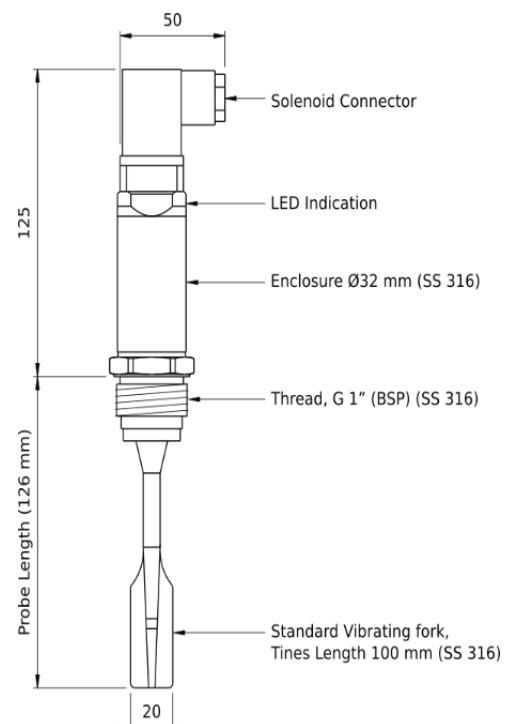


Figure 1: Parts of Vital

Manufacturing Level Instruments & Speed Monitoring Systems

SAPCON INSTRUMENTS PVT. LTD.

An ISO 22000 company

131 Palshikar Colony, Indore, Madhya Pradesh, PIN - 452004, India

+91-731-4757575 (100 lines) Fax: +91-731-2475475

www.sapcon.in, www.sapconinstruments.com Email: sales@sapcon.in

