

MAJOR INSTRUMENTS

VIBRATING FORK (SOLID)

The Vibrating Fork type level switch is a simple, low cost, rugged point Level Switch designed for Level detection of Bulk materials in a bin or silo. This level switch can be used for detecting high, low level or for both level detection. Used in cement industries, material handling plants, chemical industry, power, utilities industry, food industry, pulp/paper industry, Coal & Ash handling Plants pharmaceuticals industry, foundries etc.

The unit has integral electronics along with time delay feature, LED indication, fail safe logic etc.



Probe Construction suitable for free flowing materials :-

Basically the Vibrating fork type instruments are used for Level detection in Free flowing materials, , Grains, Powders, Bulks etc. when the media/ material level reaches up to the Vibrating fork/ probe,

The vibrations of the fork are damped because of the material in contact, and sensing signal reached to connected electronics circuitry and generates a switching signal to relay circuit integrated with timer functions. The fork vibrates at vibrating frequency of 120 Hz (± 10 Hz).

SALIENT FEATURES

- Wide range of application
- Easy installation and maintenance.
- Weatherproof/Flameproof enclosure as per requirement
- Sturdy electrode to withstand impact due to accidental clinker formation
- No moving parts, no mechanical wear and tear.
- Adjustable differential time delay with ON/OFF timing.
- Fail Safe High/Low Selection Feature (Field configurable) Available
- This type of Instruments does not needs any sensitivity adjustments.

SPECIFICATIONS

SUPPLY VOLTAGE	230VAC or 110VAC or 24V DC (factory selectable)
OUTPUT TYPE	1 DPDT Relay
CONTACT	05 AMPS at 230VAC /24VDC, Resistive load
RATING	2XPG 16, etc. (others on request, please specify)
CABLE ENTRY	0-80°C for integral type.
TEMPERATURE	0-180°C for integral with Standoff type 0-180°C for Remote with Standoff type
PROBE	Type: Standard Probe. Probe Length : 250 MM or As per requirement, please specify, Housing: Cast Al.
MATERIALS	Sensing Fork: SS316, Flange/Adapter: SS316/SS304/C.S.
MOUNTING	Std; 1½ BSP (M) threaded OR Flanged process connection as per requirement on request.
FREQUENCY	Weatherproof as per IP 66 Flameproof (optional)
TIME DELAY	120 KHz
FAIL SAFE	0 To 30 seconds adjustable With ON/OFF delay Selection Field Selectable.

INFORMATION REQUIRED Before Purchase

- Process Parameters: Temperature, pressure, atmosphere hazardous or not.
- Application media characteristics: size or lumps, Free flowing or? , Sp. Gr.
- Supply Voltage, Probe length, Mounting etc.

Manufactured By :- MAJOR INSTRUMENTS

7th, 1st Floor Vijay Estate, Nr Gota Railway Over Bridge Raj Granite Lane Gota, Ahmedabad - 382481
MO - 7984080434, 9998731823 E mail - marketing.flowmeter@gmail.com , sales@majorinstruments.com
www.ztronindia.com