



# Vibration Fork Level Switch



**LFS4**

**Level & Flow Industrial  
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## DESCRIPTION

The piezoelectric component is used to drive the vibration fork and feedback signal, when produces the resonance on the fork. When the fork comes into contact with material, the fork will release some frequency signal. It will be converted into the output to the signal. The vibrating frequency causes tuning forks to vibrate free inside the tank when forks are not covered with any media. Once the media covers the tuning forks, it causes damping of vibrations. The damping effect of vibrating forks is sensed by an equal circuitry which in turns gives an output electronic signal which in turn actuates a relay.

The Vibration fork level switch can be widely applied to detect the min. and max. Level in tanks, silos and hoppers filled with materials of different applications.



## TECHNICAL SPECIFICATION

Model	LFS4
ForkMaterial	SS
ForkLength	Std.: 200mm, upto 3000 mm
OperatingTemperature	70-150 deg. <sup>0</sup> C
Output	2C/O SPDT, 5amp, 230V PNP/NPN with DC Mains
Supply	230VAC
HousingMaterial	Aluminium, Weather Proof
Protection	IP 65
Cable Entry	2nos. PG16

## FEATURE

Suitable for the highly dusty environment.

No frequent calibration required easy to use and durable design.

Suitable for liquid, powder and solid application.

SPDT relay Output

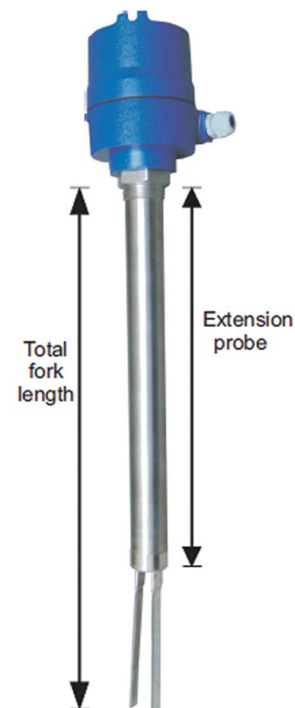
**Applications** – Powdered Milk, Coffee Powder, Tea, Salt, Flour, Animal Foods, Peanuts, Powdered Cellulose, Granules, Oil, Drink & Beverages, Rice, etc.

## VERSIONS

### NORMAL



### EXTENSION PROBE



# INSTALLATIONS



## MODEL SELECTION

LFS4 -   -   -   -  

Fork Model		Type	Temp. Range	Fork length
L	Liquid	S Standard Fork	L 80 Deg. C	130 / 250 mm
S	Solid	E Extended Probe	H 150 Deg. C	~ 1000 mm /others

\* (All models may differ in looks & all specification may not be part of every version)  
 \* (Specification may vary as per different model selected. Some feature may not be there in model selected.)