

## Description

Cirrus vibration level switches are best suitable for level sensing of free flowing powders, solid granules or liquids. Its working principle involve sensing of level of media vide vibration technique. The switch consists of a pair of stainless steel tuning forks which upholds vibration creating & sensing element inside it. The electronic circuitry inside switch housing gives an impulse to these vibration sensors causing them to vibrate on a particular resonance frequency which is equal to the resonance frequency of tuning forks. This vibrating frequency causes tuning forks to vibrate free inside the tank when forks are not covered with any media. Once the media such as Solid or liquid, covers the tuning forks, it causes damping of vibrations. This sudden vibration amplitude 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. Again when media inside tank un-covers tuning forks, vibration of forks regains its high frequency thus causing de-actuation of relay. Due to its constant vibration of forks these switches inherit self cleaning action and are applicable for both solids and liquids. These switches are best used in feed hoppers, storage bins in various granules & powder handling industries. Other customized versions are available in long fork lengths, Solid rod probe construction & flexible cable hanging versions for larger tank depths and top mountings

Application: Free flowing solids, powders, granules, plastic granules, cereals, rice, sugar, sand, medium dense liquids etc.

## Features

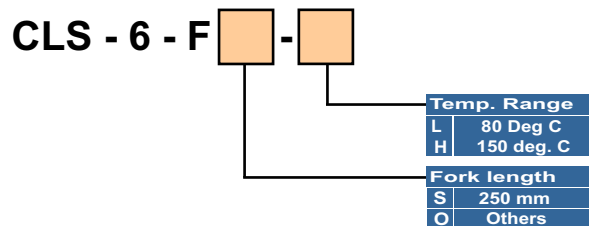
Efficient Sensing, easy installation. Maintenance free  
For medium dense liquids, storage tanks, Solids, Powders, Granules  
Self Cleaning Action, SS wetted parts

## Technical Specification

MODEL	CLS6-F
Type	Tuning fork
Fork Length	250 mm / others
Fork Material	Stainless Steel
Contact Type	Potential Free Contact
Switch	2 C/O SPDT potential free contact, 5 Amp.
Process Temperature	80 ~ 150 °C
Process Pressure	10 Bar max.
Protection	IP 65
Supply voltage	230 V AC
Housing	Aluminium



## Model Selection



Contact us for other models & specifications not listed here. Due to product enhancement, technical specification may vary.

# Cirrus

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