

Description

Cirrus Displacer Switches are designed for mounting from top of the Vessels with internal working, in long operating range. The Displacer acting as the sensing medium allows for a wide range of switching differential and field adjustable switching. Displacers are available in S.S. or Polypropylene and with suspension cable. The sensing hollow displacer is suspended from a spring & cable assembly. When the liquid comes in contacts with the displacer, a buoyancy force is produced which causes the effective weight of the displacer to change, in turn causing the spring assembly in switch enclosure to seek a new balance position, which moves the attraction sleeve into the field of the magnet. This principle gives a wide switching differential and also a desired level switching point can be obtained by moving the displacer up or down on the suspension cable. Further advantage is its use in high-pressure applications as the displacer have thicker wall thickness than conventional floats. Switches are available with single / multiple displacers and with optional still guide pipe.

Application: Water, pump controlling, acids, condensate, edible oil, large storage tanks, juices etc.



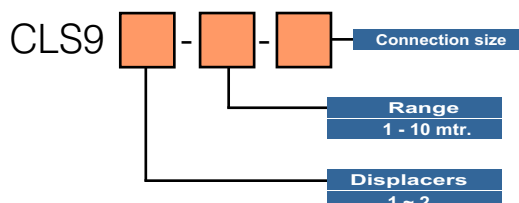
Features

- Economical, long range, versatile
- Easy to operate, requires no external power
- Single or multiple level sensing

Technical Specification

MODEL	CLS9
Type	Single / multiple displacer
Mounting	Top
Length	10 mtr. / others
Differential	50 +/- 5 mm
Switch rating	SPDT, 5 Amp., 230 V AC potential free contact
Process Temperature	80 ~ 100 °C
Maximum contacts	2
Process Connection	Flanged
Construction	SS 304 / SS 316 / PP
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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