

Description

Cirrus Magnetic float level sensor is one of the versatile & efficient means of liquid level controlling. It combines reliable design with wide range of material of construction to make it suitable for level control of various liquid in tanks & open pits. Its unique features like easy installation, fail-safe operation and low cost, makes it versatile. Hermitically sealed reed switches are enclosed inside the sensor stem, which are actuated by the magnetic floats. Floats are specially designed to encapsulate permanent magnets inside them. These floats traverse up & down on a fixed distance between their stoppers outside the sensor stem & are such designed to make them float on the liquid surface. Separate floats are provided for each level set point. Contact of in-housed switches changes with up/down movement of floats in correspond to rising/falling of liquid level inside tank, thus giving potential free contact outputs which can operate remote devices/PLC etc. The sensors are rugged in operation, available in SS / PP construction & are made in different lengths for single or multi level sensing. These level sensors can also be wired to a separate Cirrus level Controller unit, which incorporates level hold on circuitry & potential free contact relay outputs of 5 Amp., for controlling Pumps/motors or valves

Application: Water, diesel, condensate, acid, chemicals, alcohol, solvents, beverages, milk, juices, oil, dyes, waste water etc.



Technical Specification

SENSOR MODEL	CLS4
Construction	SS 304 / SS 316 / PP
Measuring length	Upto 2 mtr. / others
Temperature	120 °C (45 °C for PP models)
Pressure	15 kg/cm2
Mounting	Top
Max. Level set points	5 nos.
Type of switch output	SPST / SPDT
Process Connection	Flanged / threaded
Housing	Aluminium
Switch Contact rating	1 Amp. Potential free
Supply to sensor	12...24 V DC or through cirrus controller
CONTROLLER	CP
Mounting	Wall mounted
Supply Voltage	230 V AC
Output	5 Amp., SPDT Potential free contact relay

Model Selection

LEVEL SENSOR		Code	Unit
CLS4	Connection	F	Flange
		T	Threaded
Switch	1	SPST	
	2	SPDT	
Set points	1.....5	1 to 5	
	Float	S	SS 304
	B	SS 316	
	P	PP	
Rod	S	SS 304	
	B	SS 316	
	P	PP	

CONTROLLER		Code	Unit
CP	Alarm	A	Buzzer
		S	SPDT
	Contact type	D	DPDT
	Relay o/p	1...4	1 to 4 nos.

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

Cirrus

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