

Conductivity Level Switch

Model : CLS

Overview

The level switch sends an alternating voltage to the electrodes. When the liquid contacts the electrodes, the current running between these is amplified and the output relay is activated

Two electrodes can be connected to the unit for the detection of one level. Alternatively, three electrodes can be connected for the detection of two levels; one for start and one for stop.

FEATURES

- Waste water pump stations
- Process water
- Drinking water reservoirs
- Level alarm or level indication
- Start/stop of one pump

SPECIFICATION

Input power source	:20 to 250 V AC/DC
Protection level	: IP65 / IP 68
Allowable amplifier temperature	: -10 to +60 °C
Contact point output	: Relay contact point: 250V AC, 30V DC, 3A
Housing Material	: Weatherproof IP66 / Flameproof Gr. IIA / IIB
Connection	: Threaded/ Flanged



CONSTRUCTION



- A High Level
- B Low Level
- C Reference Steam



Level Controller

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Selection Guide

CSL-CA-5L-2-P1-RD

Process Connection		Housing		Probe Length		No. of Level	Probe		Probe	
Threaded				in MM		Electrode	MOC		Types	
1.5B	1-1/2"BSP	CA	Cast Al, Weather Proof IP 68	3L	300	1	P1	SS 304XPVC	RD	Road
2M	2" BSP	2A	Cast Al, Ex-proof, GR.IIA&IIB	5L	500	2	P2	SS316XPVC	RP	Roap
1.5N	1-1/2" NPT	SS	SS 304	10L	1000	3	P3	SS316X PTFE		*
2N	2" NPT		*	15L	1500	*		*		*
5TC	50.4 MM TriClover									
6TC	63 MM Tri Clover									
1.5F	1-1/2"ASA150# RF Flange									
2F	2"ASA 150# RF Flange									
3F	3" ASA150# RF Flange									
4F	4" ASA 150# RF Flange									
Others On request*										

Applications

- Tyre Industry
- Aluminum Industry
- Automotive sector
- Induction heating
- Food Equipment
- Process Industry
- Chemical Chambers
- Oil temperature measurement
- Water temperature measurement

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