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Solution with Perfection

CAPACITANCE LEVEL SENSOR

The principle of capacitive level measurement is based on change of capacitance. An insulated electrode acts as one plate of capacitor and the tank wall (or reference electrode in a non-metallic vessel) acts as the other plate. The capacitance depends on the fluid level. An empty tank has a lower capacitance while a filled tank has a A simple capacitor consists of two electrode plate separated by a small thickness of an insulator such as solid, liquid, gas, or vacuum. This insulator is also called as dielectric.higher capacitance.
Value of C depends on dielectric used, area of the plate and also distance between the plates.

AICLT24

ROPE TYPE

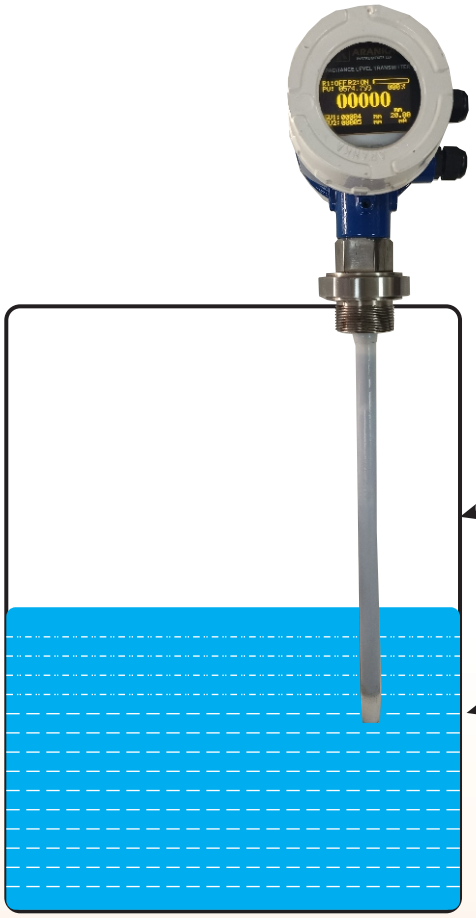
ROD TYPE

SPECIFICATION	
POWER	24VDC
MEASURING RANGE	MAX. 3000MM
APPLICATION	LIQUID / SOLID
OPERATING TEMPERATURE	-40 ~ 150'C
MAX. PRESSURE	10 Bar
ACCURACY	+/- 2% FS
CONNECTION	THREAD/ FLANGE
PROTECTION	IP67
RESOLUTION	1 mm
ENCLOUSER	ALUMINUM
ISOLATION	PTFE
CONTACT PART MOC	S.S. 316

TYPE CAPACITANCE LEVELSENSOR					
AICLT24					
RANGE IN METERS					
Max Range 3000 mm	x	x	x	x	
ENCLOUSER BODY					
ALUMINUM			A		
FLAM PROOF			F		
Sensor Type					
Rope					
Rod					
COMMUNICATION					
NON				N	
RS485 MODBUS				R	
CONNECTION					
THREAD					T
FLANGE					F

ULTRASONIC LEVEL SENSOR

Application Examples :



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CE -2209

ISO 9001:2015
COMPANY

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