

Capacitance Level Transmitter



Silent Features :

- Easy to install and compact design.
- Customized lengths Up to 10 meters
- Construction to suit turbulence
- Easy calibration thru push-buttons
- Reliable & accurate performance.

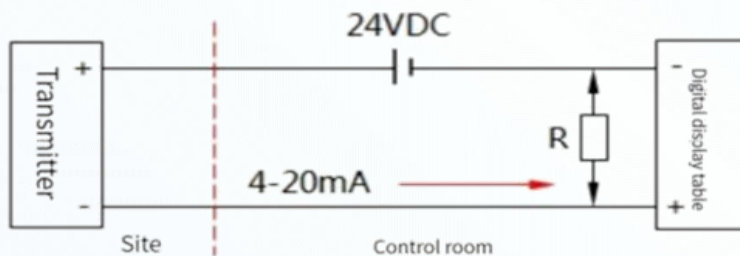
Construction & Working :

Capacitance level transmitter is used in sensing level of variety of liquids. It is available for conductive as well as nonconductive liquids. It Consists of a sensing & ground concentric electrode with integral electronics housed in cast aluminum enclosure. The probe is top mounted with threaded / flanged process connections. The capacitance formed between sensing & ground electrode is proportional to the change in liquid level, is sensed and converted to 4-20mA analogue output.

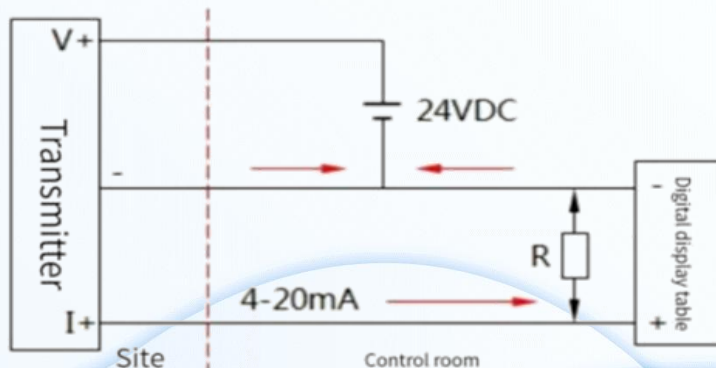
Technical Specifications :

Level Transmitter Type	Capacitance Level Transmitter
Maxi. Length	1 to 10 Meters.
Installation	Top /Side
Enclosure	Al. Alloy Weatherproof /Flameproof
Cable Entry	PG11 or ½" NPT
Process Connection	Screwed, Flanged or Triclover Ferrule
Max. Power Supply	24 VDC
Output	4-20 mA (2 wire) or 4-20 mA (3 wire)
Max. Load	400 Ohms
Max. Temperature	100°C
Max. Test Pressure	5 Bar

2- Wire Transmitter Wiring Diagram



3- Wire Transmitter Wiring Diagram



Model Identification

CLT -

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1. Length in mm

2. Probe Type

Rigid Type **R**

Rope Type **F**

3. Enclosures

Cast Aluminium Weatherproof **W**

Cast Aluminium Flameproof **F**

4. Liquid Type

Conductive **C**

Non -Conductive **N**

5. Process Connection Size

1" **D**

1-1/2" **E**

2" **F**

Other **O**

6. Process Connection Type

ASME 150# Flange **1**

TABLE D Flange **3**

BSP (M) Screwed **4**

Triclover Ferrule **5**

Other **0**

7. Output

4-20 mA (2 wire) **1**

4-20 mA (3 wire) **3**

