

## 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.

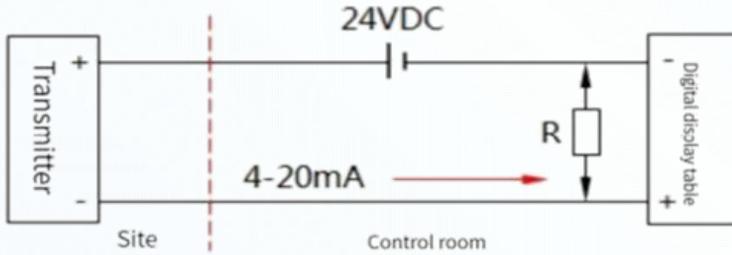
### Construction & Working :

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.

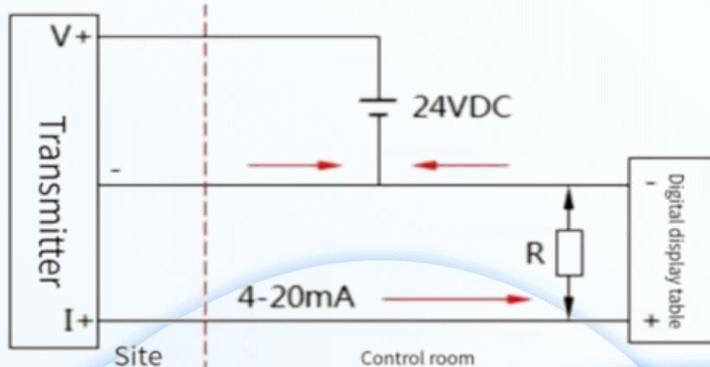
# Technical Specifications :

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**

