

TS2000-CLT

CAPACITANCE TYPE LEVEL TRANSMITTER - SWITCH



Features

- Capacitance type level transmitters
- Suitable for Conductive & Non-Conductive Liquids
- Measurement Range up to 15 mtr.
- IP-68 Protection for reliable operation in harsh and wet environments
- Backlit LCD display
- Switch Functionality for versatile control and monitoring
- Optional RS-485 (MODBUS RTU) communication & Relay Output



Technical Specifications

Performance Characteristics	
Measuring Range	100 mm to 15000 mm
Probe Type	1 Single Rod (Upto 2000 mm)
	2 Coaxial (Upto 2000 mm)
	3 Rope Type (Above 2000 mm)
Output	4 - 20 mA
Alarm or Relay Output	1 Relay Output (Optional)
Communication Output	RS-485 MODBUS RTU (Optional)
Accuracy	+/- 1% F. S.
Linearity	+/- 1%
Process Temperature	200°C max
Process Pressure	16 kg/cm ² max
Probe MOC	PTFE+SS-316
Power Supply	18-36 V DC
Power Consumption	< 5W
Response Time	1 Sec
Temperature Coefficient	+/- 0.01% per °C
MOC Electronics Enclosure	SS-316
Electronic Protection Class	Weather Proof IP-68
Electrical Connection	M12 Connector
Display	Backlight LCD
Process Connection	1" BSP (M)
	1½" BSP (M)
	2" PVC Flanged
	2" SS-316 Flanged
	50 NB SS-316 Tri Clover
Mounting Clamp	Top of the tank
Mounting	Top of the tank
Operating Conditions	Temperature : -20°C to 70°C / Humidity : 5 to 95% non-condensing
Electronics Enclosure and Rating	SS-316 and IP-68

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Assembly Overview

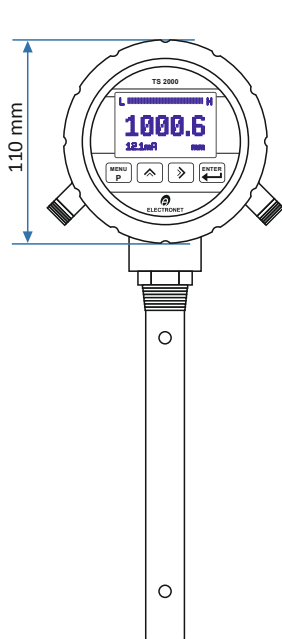


Fig. 1 Front View

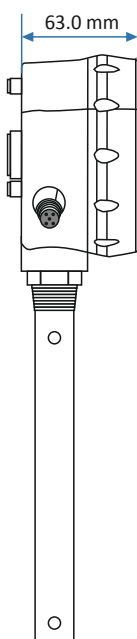


Fig. 2 Side View

Connection Details

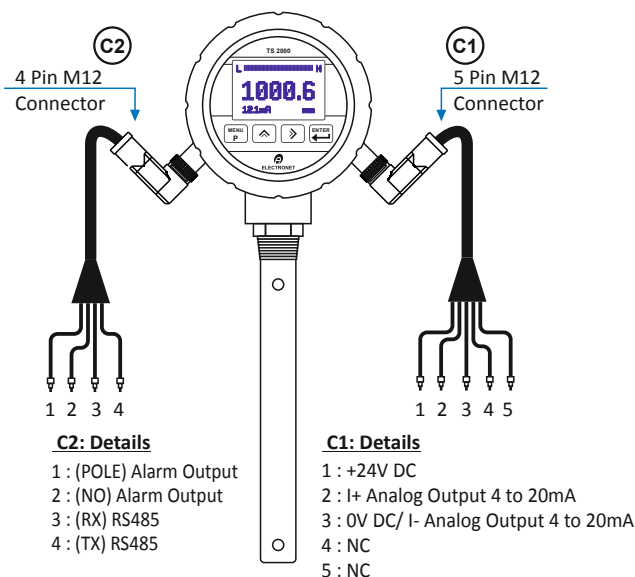


Fig. 3 Front View

Ordering Information

Sample Order Code : TS2000-CLT-A1-B1-C1-D1-E1

Parameter	Code	Description	Parameter	Code	Description
A	Measuring Range	A1	100 mm	D	Probe Type
		A2	1000 mm		
		A3	2000 mm		
		A4	3000 mm	E	Process Connection
		A5	6000 mm		
		A6	12000 mm		
		A7	15000 mm		
B	Alarm or Relay Output	B1	1 Relay Output (Optional)		
		BX	NA		
C	Communication Output 1	C1	RS485 (MODBUS RTU) (Optional)		
		CX	NA		

Note : ■ Due to our continuous product revisions, design specification & model numbers are subject to change without notice.
 ■ Accuracy defined at Lab Conditions.
 ■ For other requirement please consult factory.
 ■ This product is meant for laboratory/Process application only and not for custody transfer application.

ELECTRONET EQUIPMENTS PVT. LTD.



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