

## ULT - TX - 22

### TWO WIRE ULTRASONIC LEVEL TRANSMITTER

#### Features

- Non-contact type
- Compact size & Easy Maintenance
- Narrow Beam Technology
- Measures liquid height, distance to liquid, volume or flow in open channels
- 2 wire direct current loop powered

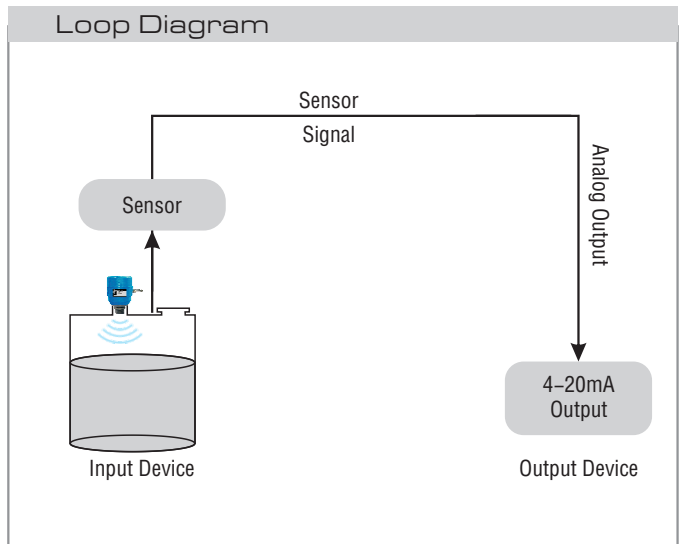
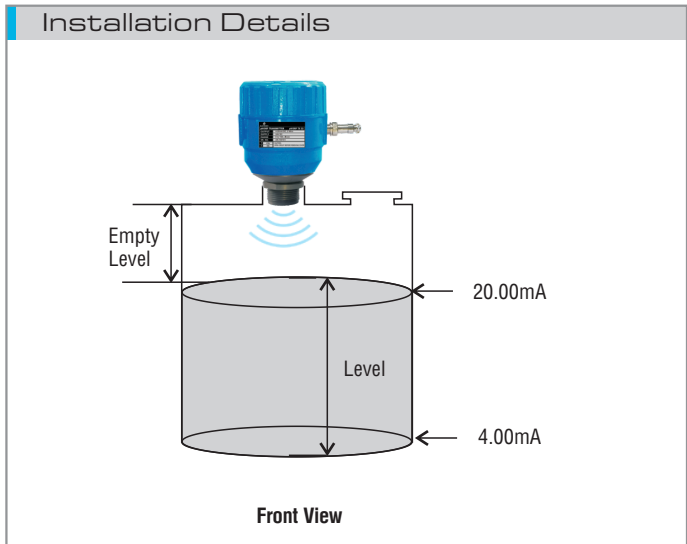


#### Description

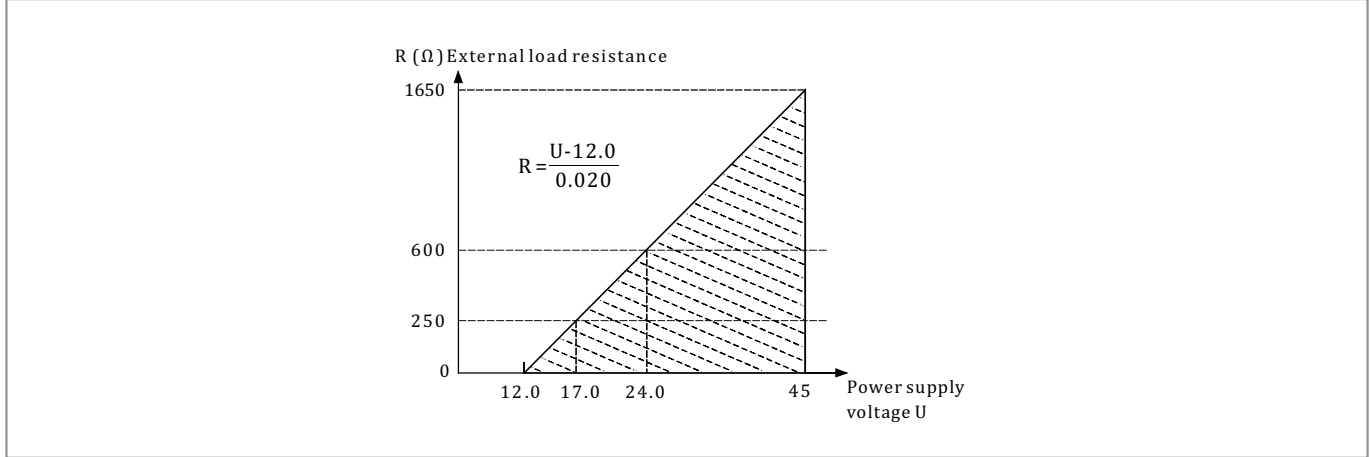
**E**lectronet series ULT-TX-22 is a 2 wire Ultrasonic Level Transmitter specially designed for non-contact type level measurement. Ultrasonic level measurement is based on the transit time technology which calculates the time required by ultrasonic pulses to travel from sensor & surface of liquid & back to sensor. Ultrasonic level transmitters are the best for applications such as slurries, corrosive liquids & waste water without obstacle throughout the beam. The transmitter provides 4–20 mA DC continuous output. The measuring range is available up to 6 mtrs.

#### Technical Specifications

Measurement Principle	Ultrasonic : Time Of Flight
Measuring Range	up to 6 mtrs.
Type of Output	4 – 20 mA DC
Power Supply	24 V DC Two Wire Loop Powered
Power Consumption	< 600 mW
Dead Band	Less than 600 mm
Accuracy	+/- 0.5% of F. S.
Process Temperature	0 to 55°C max.
Ambient Conditions	Atmospheric
Beam Angle	< 12°
Response Time	Less than 0.5 sec.
Measuring Frequency	25 KHz
Temperature Coefficient	+/- 0.01% per °C
Process Connection	2" BSP (M)
Electrical Connection	DIN 43650 Connector / Circular Metal Connector
Mounting	Vertical – Top of the tank
Ambient Conditions	Temperature 0 to 55°C / Humidity 5 to 95% non condensing at 25°C
MOC Probe	Aluminium
Electronic Protection Class	Flameproof (CMRI IIA IIB Certified) / Weather Proof IP-67
MOC Electronics Enclosure	1) Die Cast Aluminium PU Painted 2) SS316 3) ABS Plastic
Electrical Connection	1) M 20 x 1.5 (F) 2) ½" NPT (F) 3) DIN 43650 / Circular Metal Connector
Certification	<b>CE</b>



### Power Supply & Load Requirements



### Ordering Information

Sample Order Code : 

A3	C1	E2	F1
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Parameter	Code	Description
A	Measuring Range	A1 300 mm
		A2 600 mm
		A3 1000 mm
		A4 2000 mm
		A5 3000 mm
		A6 6000 mm
C	Electronics Area Classification	C1 Weatherproof IP 67
		C2 Flameproof CMRI IIA IIB
E	MOC Electronics Enclosure	E1 Die Cast Aluminium
		E2 SS316
		E3 ABS Plastic

Parameter	Code	Description
F	Electrical Connection	F1 M 20 x 1.5 (F)
		F2 1/2" NPT (F)
		F3 DIN 43650 / Circular Metal Connector

Note:

- The output from the transmitter is non-isolated.
- This level transmitter is suitable for applications where moisture is not getting accumulated on sensor diaphragm.

**Note :**

- Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
- Accuracy defined at Lab Conditions.
- For other requirement please consult factory.

## ELECTRONET EQUIPMENTS PVT. LTD.

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