

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

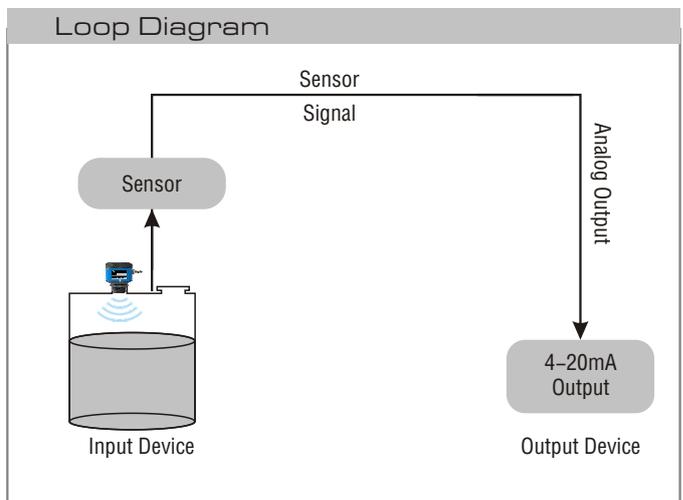
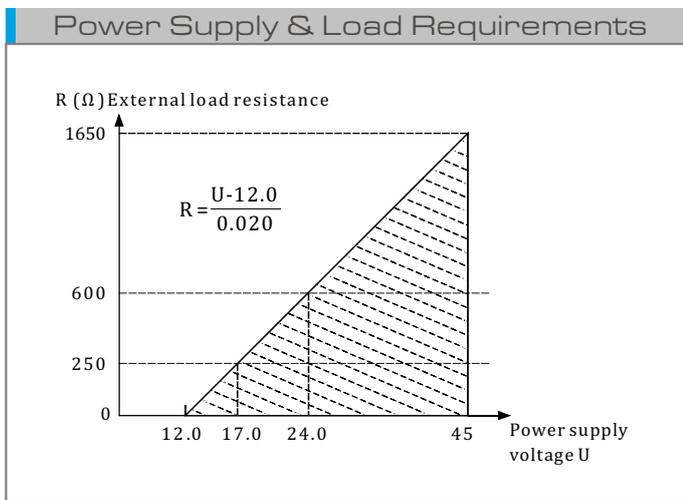
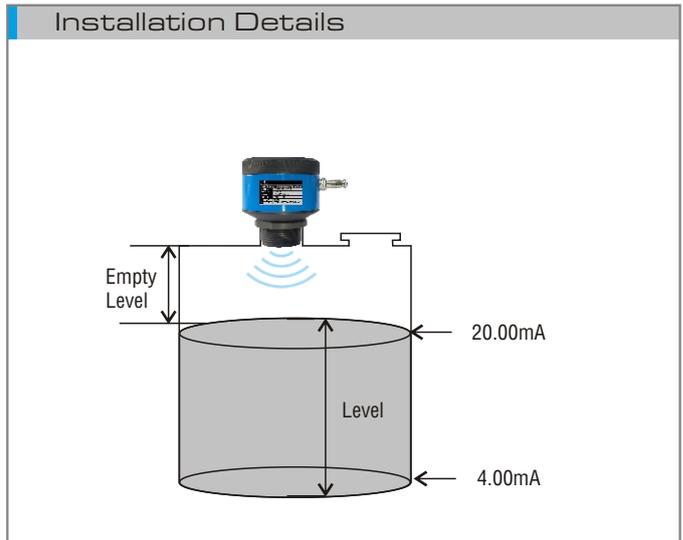


Description

Electronet 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, 2 Wire
Power Supply	24 V DC Two Wire Loop Powered
Power Consumption	< 600 mW
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
MOC Electronics Enclosure	ABS Plastic
Process Connection	1) 1½" BSP (M) 2) Other on request
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	Weather Proof IP-65
Certification	CE



Ordering Information

Sample Order Code : A3 M3

Parameter	Code	Description
A	Measuring Range	A3 1000 mm
		A4 2000 mm
		A5 3000 mm
		A6 6000 mm

Parameter	Code	Description
M	Process Connection	M2 1½" BSP (M)
		M3 2" BSP (M)
		MY Other

Note: The output from the transmitter is non-isolated.

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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