

ULT - TX - 22

TWO WIRE ULTRASONIC LEVEL TRANSMITTER

Features

- Non contact type with no moving parts
- 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
- Process down time minimized
- Easy to Install & Configure



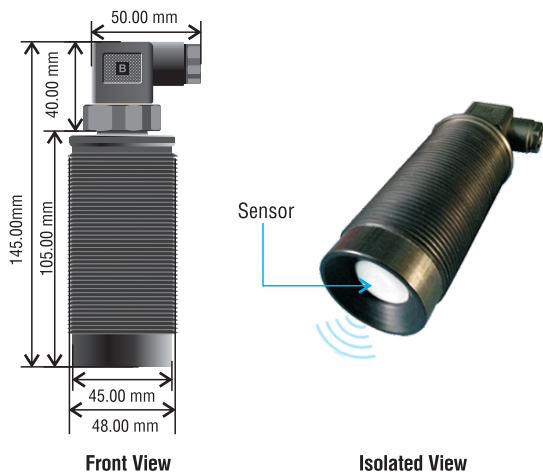
Description

Electronet series ULT-TX-22 is a 2 wire Ultrasonic Level Transmitters specially designed for non contact type level measurement. Ultrasonic level measurement is based on 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 from 0.6 to 6mtrs.

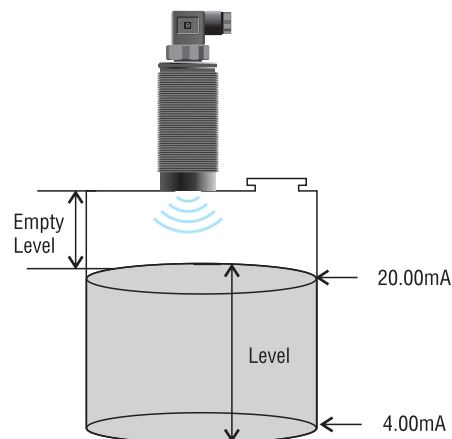
Technical Specifications

Measurement Principle	Ultrasonic, Time Of Flight
Measuring Range	0.6 to 6 mtr
Type of Output	4 – 20 mA DC, 2 Wire
Power Supply	24 V DC, External
Power Consumption	< 600 mW
Accuracy	+/- 0.25% of F. S.
Process Temperature	0 to 55°C max.
Operating Pressure	Atmospheric
Beam Angle	< 8°
Response Time	It depends on distance for 600cm near about 2 to 4 sec required
Measuring Frequency	25 KHz
Temperature Coefficient	+/- 0.01% per °C
MOC Electronics Enclosure	Weather-proof, IP-65,PVC
Process Connection	1) 2" BSP (M) Threaded 2) Other on request
Electrical Connection	Din Connector
Mounting	Vertical – Top of the tank
Operating Conditions	Temperature 0 to 55°C / Humidity 5 to 95% non condensing at 25°C
MOC sensor assembly	PVC
Ingress Protection	IP 66

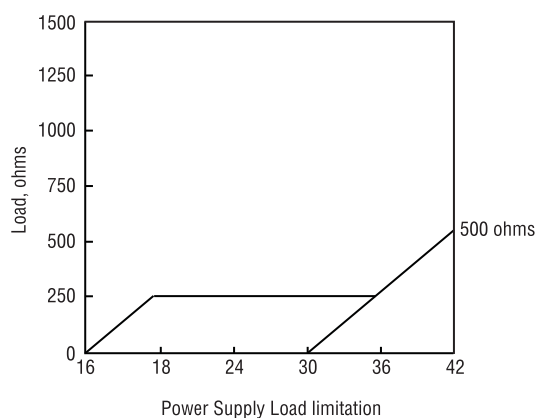
Dimensional & Mounting Panel



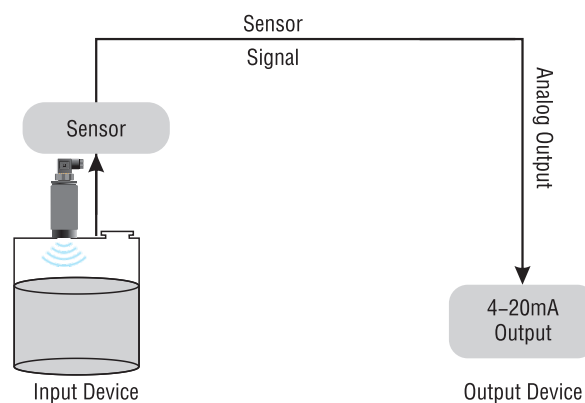
Installation Details



Power Supply Vs Load Graph



Loop Diagram



Ordering Information

Sample Order Code : 02E

Parameter	Code	Value
02	02J	600 mm
	02B	1000 mm
	02C	2000 mm
	02D	3000 mm
	02E	6000 mm

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.

Applications

Food Industry	Chemical Industry	Atomic Energy	Manufacturing Industry
Automation Industry	Thermal Power Energy	Process Industry	Water Treatment Industry

ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:

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