

## ULT - 200

### TWO WIRE ULTRASONIC LEVEL TRANSMITTER

#### Features

- Non contact type with no moving parts
- Compact size & Easy Maintenance
- 2 wire direct current loop powered
- Process down time minimized
- Automatic Temperature Compensation
- Measures liquid height, distance to liquid, volume or flow in open channels
- Local Display : LCD Display
- Password Protection
- Software calibration
- Easy to Install & Configure
- Narrow Beam Technology

#### Description

**E**lectronet series ULT-200 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.

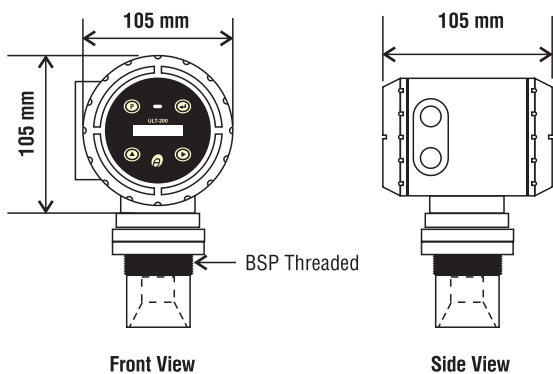
Ultrasonic level transmitters are the best for applications such as slurries, corrosive liquids & waste water without obstacle throughout the beam. The transmitter provides 4-20 mA DC continuous output with local indication through LCD. The measuring range is available from 0.6 to 15mtrs.



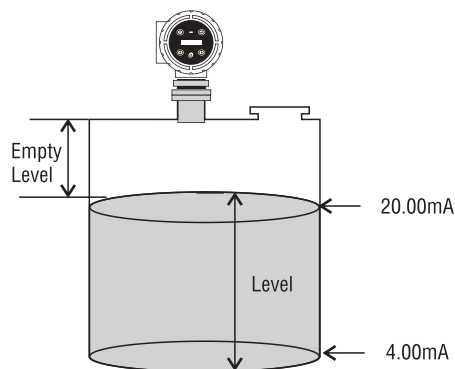
#### Technical Specifications

Measurement Principle	Ultrasonic, Time Of Flight
Measuring Range	0.6 to 15 mtr
Type of Output	4 – 20 mA DC, 2 Wire
Power Supply	24 V DC, External
Power Consumption	< 500 mW
Dead Band	0.6 mtr
Display	Local display 8 X 1 character LCD
Accuracy	+/- 0.25% of F. S.
Process Temperature	0 to 85°C max.
Operating Pressure	Atmospheric
Beam Angle	< 8°
Response Time	< 500 mSec
Measuring Frequency	25 Khz
Temperature Coefficient	+/- 0.01% per °C
MOC Electronics Enclosure	Weather-proof, IP-65, Aluminium die cast type
Process Connection	1) 2" BSP (M) Threaded – upto 8 mtrs. 2) 3" BSP (M) Threaded above 8 mtrs. to 15 mtrs. 3) Other on request
Mounting	Vertical – Top of the tank
Operating Conditions	Temperature 0 to 85°C / Humidity 5 to 95% non condensing at 25°C
MOC sensor assembly	SS / PP / PVC / Aluminium
Ingress Protection	IP 65
OPTIONAL : Communication	Application flexibility with HART communication
Local Indication Display Type	LCD Display
Certification	CE

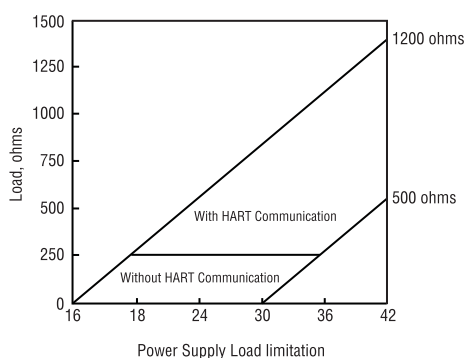
## Dimensional &amp; Mounting Panel



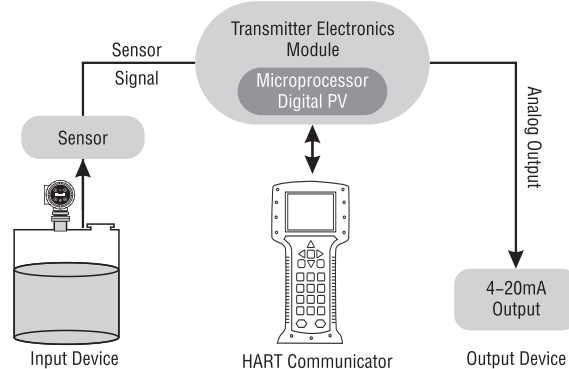
## Installation Details



## Power Supply Vs Load Graph



## Loop Diagram



## Ordering Information

Sample Order Code : 02B-07A-21A-22A-26A-49B-66A

Parameter	Code	Value
02	Measuring Range	02A 300 mm
		02B 1000 mm
		02C 2000 mm
		02D 3000 mm
		02E 6000 mm
		02F 12000 mm
		02G 15000 mm
07	Area Classification	07A Weather Proof
		07B Flame Proof
21	Electrical Connection	21A M20 X 1.5
		21B ½" NPTF

Parameter	Code	Value
22	MOC Electronics Enclosure	22A Die Cast Aluminium
		22B SS316
		22C ABS Plastic
26	Local Indication	26A Required
		26Y None
49	Output	49A 4 to 20 mA
		49B 4 to 20 mA With HART
66	Process Connection	66A Threaded
		66B Flanged
		66E Tri Clover

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.

## Factory Address:

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Khandala, Dist.- Satara  
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