

ULT - 200B

BATTERY OPERATED ULTRASONIC LEVEL TRANSMITTER

Features

- Non contact type with no moving parts
- Compact size & Easy Maintenance
- Easy to Install & Configure
- 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
- Battery Operated
- Narrow Beam Technology

Description

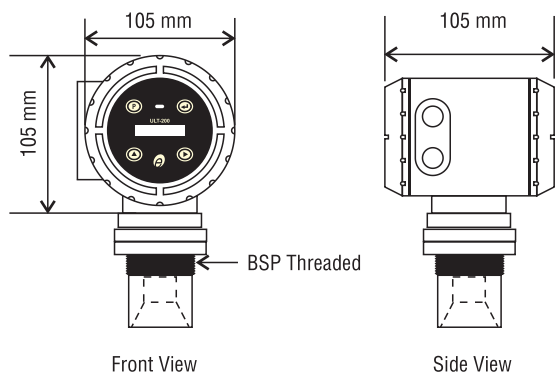
Electronet series ULT-200B is a Battery Operated Ultrasonic Level Transmitters specially designed for non contact type level measurement. Ultrasonic level measurement is based on the time required by ultrasonic pulses to travel from sensor & surface of liquid & back to sensor. Ultrasonic level transmitters are the best for applications such as slurries, corrosive liquids & waste water without obstacle throughout the beam. The transmitter provides local indication through LCD. The measuring range is available from 0.6 to 6mtrs.



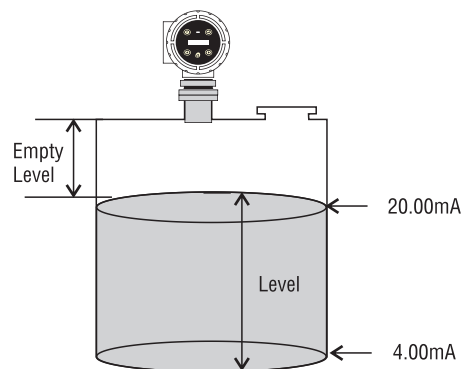
Technical Specifications

Measurement Principle	Ultrasonic, Time Of Flight
Measuring Range	0.6 to 6 mtr
Type of Output	GSM / RF / GPRS / Wi-Fi
Power Supply	24 V DC, Battery Operated, Solar + Battery Operated
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, SS316, ABS Plastics
Process Connection	1) 2" BSP (M) Threaded 2) 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
Local Indication Display Type	LCD Display
Certification	CE

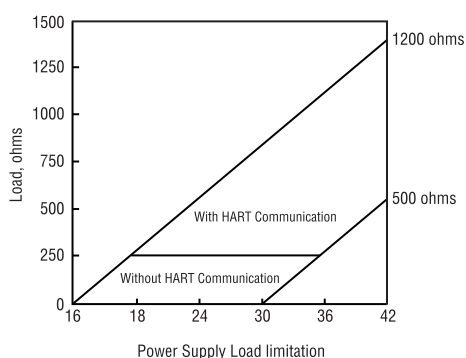
Dimensional & Mounting Panel



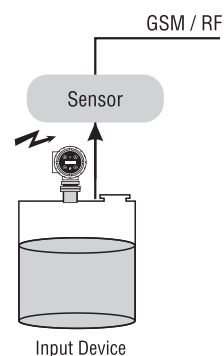
Installation Details



Power Supply Vs Load Graph



Loop Diagram



Ordering Information

Sample Order Code : 02C-07A-21B-22B-24B-26A-54B-66B

Parameter		Code	Value
02	Measuring Range	02A	300 mm
		02B	1000 mm
		02C	2000 mm
		02D	3000 mm
		02E	6000 mm
07	Area Classification	07A	Weather Proof
		07B	Flame Proof
21	Electrical Connection	21A	M20 X 1.5
		21B	½” NPTF
22	MOC Electronics Enclosure	22A	Die Cast Aluminium
		22B	SS316
		22C	ABS Plastic
Note : <ul style="list-style-type: none">▪ 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.			

Parameter		Code	Value
24	Power Supply	24B	24 V DC
		24C	Battery Operated
		24D	Solar + Battery Operated
26	Local Indication	26A	Required
		26Y	None
54	Communication Output 2	54A	GSM
		54B	RF
		54E	GPRS
		54F	Wi-Fi
		54Y	None
66	Process Connection	66A	Threaded
		66B	Flanged
		66E	Tri Clover

ELECTRONET EQUIPMENTS PVT. LTD.

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