



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



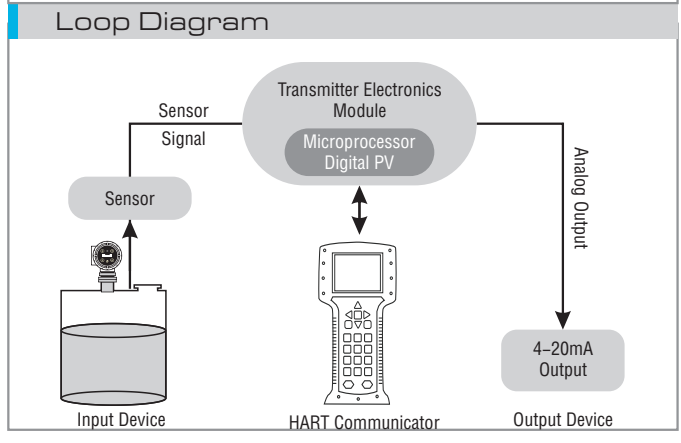
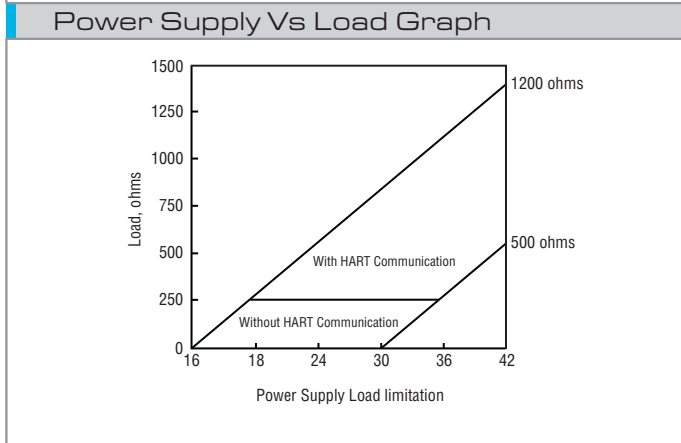
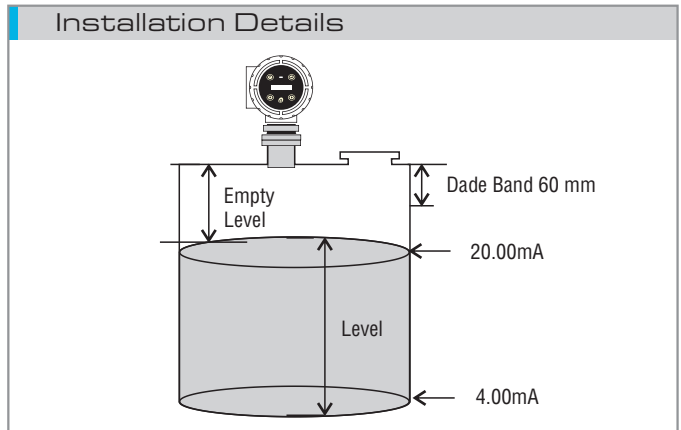
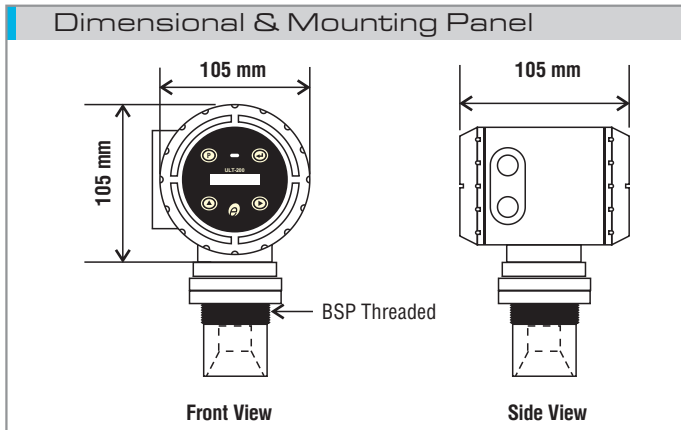
Description

Electronet 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 12mtrs.

Technical Specifications

Measurement Principle	Ultrasonic, Time Of Flight
Measuring Range	0.6 to 12 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 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 66
OPTIONAL : Communication	Application flexibility with HART communication
Local Indication Display Type	LCD Display



Ordering Information

02 07 21 22 26 49 66

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	1/2" 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.

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