

SALIENT FEATURES

- Non contact type, continuous level measurement with no moving parts.
- Measures liquid height, distance to liquid, volume or flow in open channels.
- Two wire direct current loop powered.
- Narrow beam technology.
- Self diagnostic function i.e error messages on display provided to ease settings up.
- Automatic temperature compensation.
- Local display 8 X 1 LCD
- Instrument configuration settings are password protected.
- Process down time minimized.
- Software calibration.
- Compact size & easy maintenance.



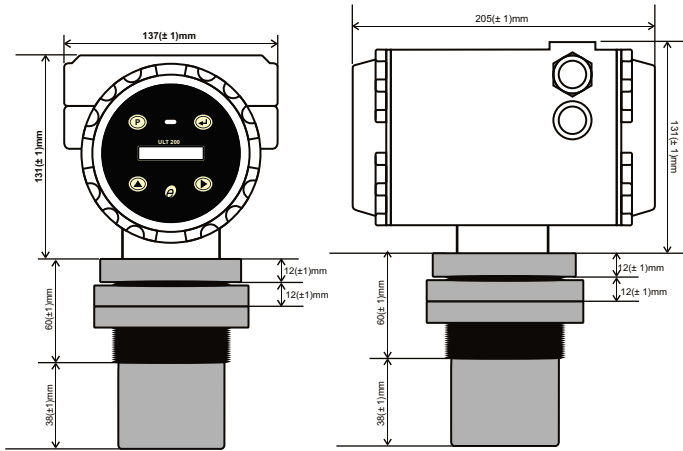
DESCRIPTION

Electronet series **ULT-200 / ULT-200H** are 2 wire Ultrasonic level transmitters designed for non contact type level measurement. Ultrasonic level measurement is based on the time required by ultrasonic pulses to travel from sensor to the surface of liquid & back to sensor. Ultrasonic level transmitters are the best for applications such as slurries, corrosive liquids & waste water. The transmitter provides 4-20 mA DC continuous output with local indication through LCD. The measuring range is available from 0.6 to 12 mtrs.

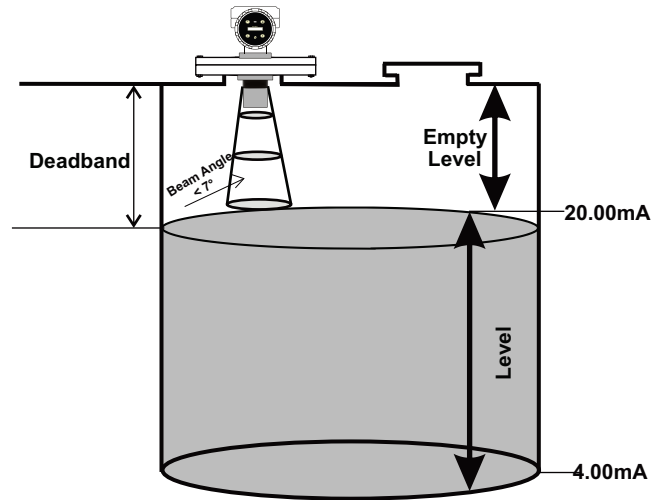
TECHNICAL SPECIFICATIONS

Measurement Principle	:	Ultrasonic, time of flight
Measuring Range	:	0.6 to 12 mtrs.
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 8X1 LCD
Accuracy	:	± 0.25% of F. S.
Process Temperature	:	-30 to 80 °C
Operating Pressure	:	Atmospheric
Beam Angle	:	< 8°
Response Time	:	< 500 ms
Measuring Frequency	:	25 kHz
Temperature Coefficient	:	± 0.01% per °C
Enclosure	:	Weather-proof, IP-65, Aluminium die cast type
Process Connection	:	2" BSP (M) Threaded
Mounting	:	Top of the tank
Weight	:	1.5 kg
Operating Conditions	:	Temperature 0 to 55 °C / Humidity 5 to 95% non condensing
Product description	:	Two wire compact type ultrasonic level transmitter
Material of construction	:	Aluminium die cast type
Sensor Ingress Protection	:	IP-65

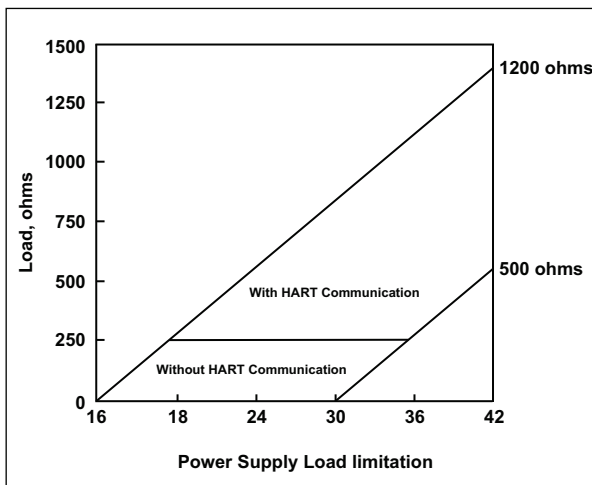
DIMENSIONAL DRAWING



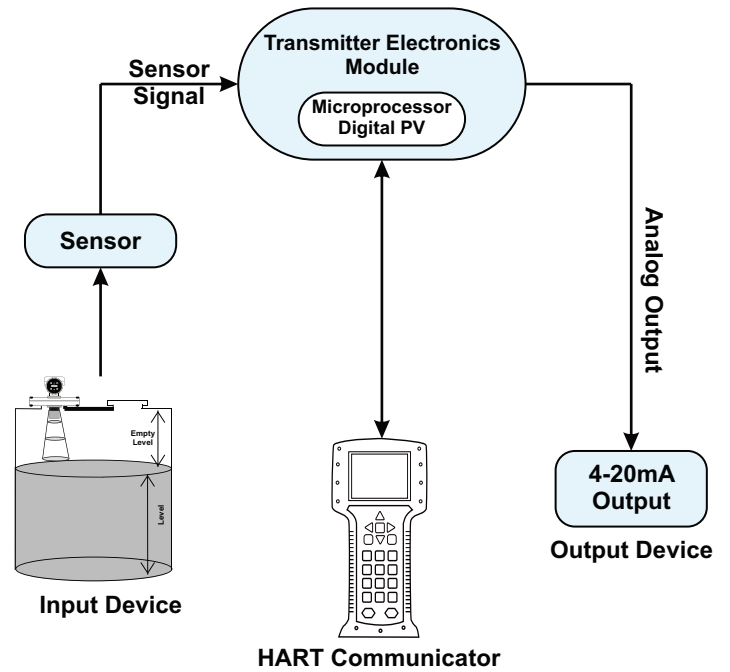
INSTALLATION DETAIL



POWER SUPPLY Vs LOAD GRAPH



LOOP DIAGRAM



ORDERING INFORMATION

SERIES	Probe Length	Output
ULT-200	A 01	B 02

Legend:

- 01: Upto 12mtr
- 02: 4-20 mA with HART
- 01: 4-20mA

*Due to our continuous product revisions, Design, Specifications and Model Number are subject to change without notice.
 *Accuracy defined at lab conditions.

Authorized Dealer

NK Instruments Pvt Ltd

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