

**SALIENT FEATURES**

- Non contact type level measurement.
- 2 wire operation.
- Integral LCD Display
- Self diagnostic function i.e. Error message are displayed.
- Automatic temperature compensation.
- Instrument configuration settings are password protected.
- Accuracy 0.25% of F. S.
- Compact size & easy maintenance.
- Reliable & cost effective system.
- Software calibration.

DESCRIPTION

MicroSet series MS ULT - 511 is a 4 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. The transmitter provides 4-20 mA DC continuous output with local indication through LCD. The measuring range is available from 0.6 to 8 meter & extended range upto 15 Meter Also available on request.

TECHNICAL SPECIFICATIONS

Measuring Range	:	0.6 to 15 mtr
Type of Output	:	4 - 20 mA DC, 4 wire
Power Supply	:	24 V DC, External
Power Consumption	:	< 500 mW
Dead Band	:	0.6 mtr
Display	:	8 x 1 LCD (4 digit for Level)
Accuracy / Resolution	:	+/- 0.25% of Full scale / 10 mm
Operating Temperature	:	-30 to 80°C
Operating Pressure	:	Atmospheric
Beam Angle	:	< 7°
Response Time	:	< 500 mSec
Measuring Frequency	:	25 KHz
Temperature Coefficient	:	+/- 0.01% per°C
Enclosure	:	Weather-proof, IP-65
Process Connection	:	3" BSP Threaded
Mounting	:	Top of the tank
Weight	:	1.5 kg
Operating Conditions	:	Temperature 0 to 55°C / Humidity 5 to 95% non condensing

NOTE : Process temperature & pressure exceeding specified limits, kindly consult with factory.