

Ultrasonic Level Transmitter

2 wire

MS ULT 311



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 - 311 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. 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.

TECHNICAL SPECIFICATIONS

Measuring Range	:	0.6 to 8 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	:	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	:	0°
Response Time	:	< 7
Measuring Frequency	:	< 500 mSec
	:	25 Khz
Temperature Coefficient	:	+/- 0.01% per°C
Enclosure	:	Weather-proof, IP-65
Process Connection	:	2" BSP Threaded
Mounting	:	Top of the tank
Weight	:	1.5 kg
Operating Conditions	:	0°
	:	Temperature 0 to 55 C / Humidity 5 to 95% non condensing
Communication Protocol	:	HART (Optional)

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