

Ultrasonic Level Transmitter Code : ML8Y

ML-8Y Ultrasonic Level Transmitter offers compact size, high performance and outstanding operation capabilities. The Transmitter is specially designed to provide convenience of non-contact measurement of Level. Sophisticated design and rugged construction guarantees no maintenance. The meter consists of ultrasonic sensor and electronic transmitter unit. Ultrasonic pulses are emitted by the sensor to the surface of measured medium. Part of reflected ultrasonic pulses are received by the transducer and converted into output electronic signal. The relationship among distance S, sound speed C and transmission time T is: $S = C \times T / 2$.

General Attributes

- Range : 1500" (40 m)
- Level Range : 0 ~ 1 mtr ... 60 mtr
- Accuracy : 0.5%
- Resolution : 1mm or 1% of F.S
- Display : Multiline LCD
- Beam Width : 4" (10 cm)
- Deadband : 4" (10 cm)
- Supply Voltage : 24 VDC (loop)
- Relay Output : 2 SPDT (250VAC, 8A) ;
Optional
- Consumption : 0.5W
- Signal Output : 4-20mA, Two-Wire,
- Contact Type : 2 SPDT Optional
- Configuration : 3 Buttons
- Temp. Compensation : Automatic over range
- Sensor Temperature : - 20 C to 85°C
- LCD Temperature : - 20°C to 55°C
- Max. Working Pressure : 15 PSI
- Enclosure : Type 6P, Encapsulated,
Corrosion Resistant
- Enclosure Material : PC/ABS FR
- Strain Relief Material : Santoprene
- Transmitter Material : PVDF
- Cable Length : 48" (Optional)
- Cable Jacket Material : Polyurethane

Application Notes

Distance measurement
Object detection
Indicate the position of objects and materials.
Determine the dimensions of objects such as
height, width and diameter.
level control for caustic liquids
Roll diameter, tension control



Dimensions

For further information please visit : <https://goo.gl/MsTGj7>

We are the authorized distributor of OMICRON in Bangladesh.