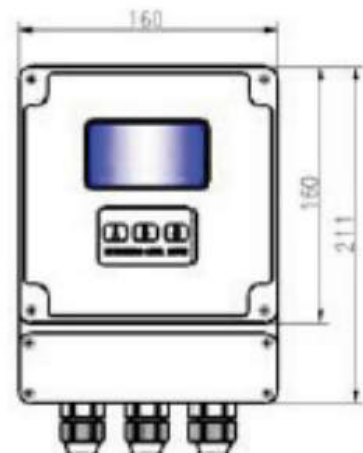


Ultrasonic Level Transmitter Code : ML8F

ML-8F 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: $S=CxT/2$.

General Attributes

- Level Range : 0 ~ 1 mtr ... 60 mtr
- Accuracy : $\pm 0.5\%$
- Sensor Temperature : - 20 C to 85 C
- LCD Temperature : - 20 C to 55 C
- Resolution : 1mm or 1% of F.S
- Display : Multiline LCD
- Supply Voltage : 24 VDC
- Output : 4-20 mA
- Relay Output : 2 SPDT (250VAC, 8A);
Optional
- Ingress Protection : IP65
- Dead Band : 0.2 mtr (For Ranges < 10 meter)
- Dead Band : 0.3 mtr (For Ranges > 10 meter, < 30 meter)
- Dead Band : 0.5 mtr (For Ranges > 30 meter)
- Process Connection : M78 x 2 (For Range > 10 meter)
- Process Connection : M54 x 2 (For Range < 10 meter)
- Beam Width : 4" (100 mm)
- Configuration : On-Site with 3 Buttons
- Transmitter MOC : PVDF
- Enclosure MOC : ABS, Fireproof



Dimensions

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 contro

For further information please visit : <https://goo.gl/MbPgg3>

We are the authorized distributor of OMICRON in Bangladesh.

