



## Techsense Bangladesh Ltd

## **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 electron ic transmitter unit. Ultrasonic pulses are emitted by the sensor to the surface of measured medium. Part of reflect ed 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**

■ Range : 1500" (40 m)
■ Level Range : 0 ~ 1 mtr ... 60 mtr

■ Accuracy : 0.5%

■ Resolution
■ Display
■ Beam Width
■ Deadband
■ Supply Voltage
: 1mm or 1% of F.S
: Multiline LCD
: 4" (10 cm)
: 4" (10 cm)
: 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,

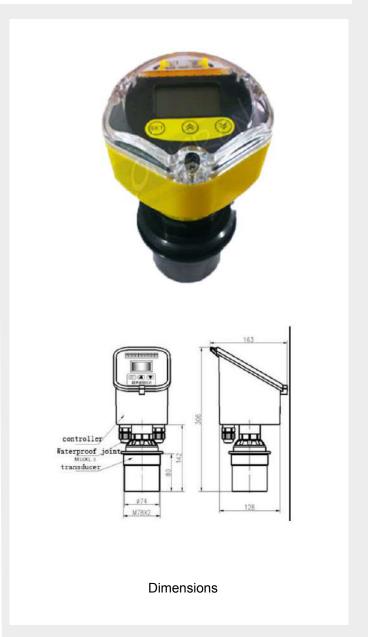
Corrosion Resistant

Enclosure Material
 Strain Relief Material
 Transmitter Material
 PC/ABS FR
 Santoprene
 PVDF
 48" (Opt ion

■ Cable Length : 48" (Opt ional) ■ 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 contro



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



