



ULTRASONIC LEVEL TRANSMITTERS (MANJEERA)





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It is a non-contact type transmitter based on principle of 'Time of Flight' of ultrasound signals, for continuous level measurement of liquids.

SALIENT FEATURES

- # Compact & easy to install
- # Integral 4 digit display
- # Easy callibration & programming through built-in keys
- # Interface liquid level measurement (foaming liquid)

LIMITATIONS

Float Operated Liquid level transmitters does not work satisfactorily in highly contaminated liquids & liquids with high viscosity.

For Sensors with more than 3 meters, it is recommended to provide anchoring at the bottom. Also splash guard is recommended where high turbulence of liquid exists. Consult us for further details.

CONSTRUCTION & WORKING

It consists of an ultrasonic transducer integral with microcontroller based electronics housed in an enclosure. Ultrasonic pulses emitted from the transducer to the service medium are reflected back & sensed by the electronics to provide 4-20mA current output.







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DIMENSIONAL DRAWING

TECHNICAL DATA

Range : 6m, 10m, 15m

Blind Spot : 0.4m

Error difference : $\pm 0.3\%$ F. S

Display : OLED English menu (with self illuminating)

Min. 1mm

Keyboard : Three digit patch keys

Frequency : 20 to 350KHz (varies by model size)

Optional Power supply : DC18-28V

Power : <0.6W

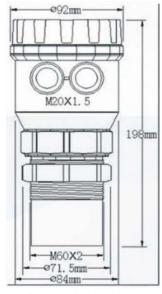
Output (optional) : 4 to 20mA

Instrumental material : ABS Engineering Plastics

Dimension : \$\phi\$ 92mm x 198mm x M60

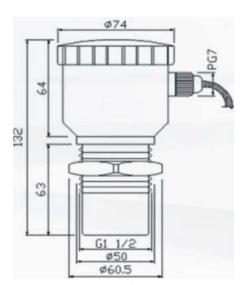
Intallation interface : M60x2 or 61mm round hole with large gong ring

Protection rating : IP65



Range: 10, 15MTR





Range: 6MTR



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ORDERING CODES

1. MEASURING LENGTH 1 6 MTR - 1.5" BSP 2 10 MTR - M60 3 15 MTR - M60	1	3. OUTPUT Y 4 - 20 mA Z RS 485	Υ
2. DISPLAY INSTRUMENT A Not Provided B Loop Powered indicator	Α		





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MANUFACTURING UNIT

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