

2 MHz Level Sensor Transducer



Model: LPY5

P/N: H2KLPY52000600

Ultrasonic transducer design covers 2MHz frequency. The sensor is paired with software as a signal sending and receiving unit. Used with a gel pad (or dry coupling), this sensor is particularly suitable for use as a non-invasive bottom-up liquid level sensor for measuring liquid level in plastic containers or vessels.



Features

- Level sensor
- Bottom-up type
- The maximum level measurement is 2 meters
- Contains system

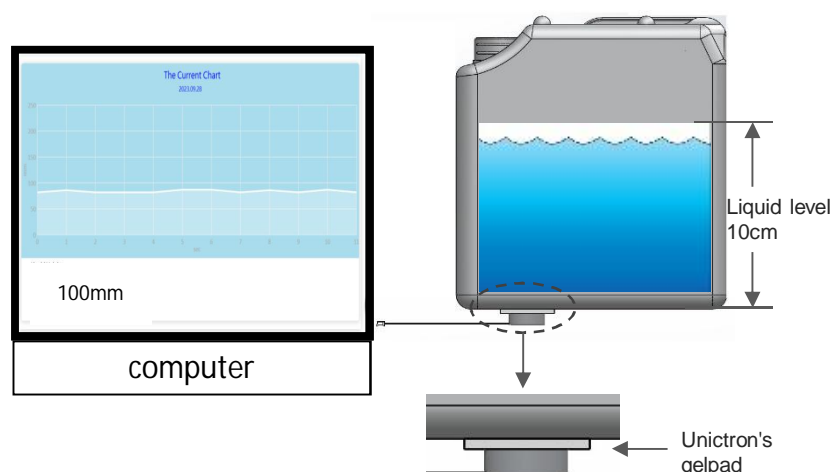
Specifications

Operation Frequency	2	MHz
Capacitance at 1 kHz	$2500 \pm 20\%$	pF
Measuring height of liquid level	50~2000	mm
Operating temperature	-15~60	°C
Storage temperature	-25~80	°C

Measured at temperature : $25 \pm 5^\circ$, 40~70%RH

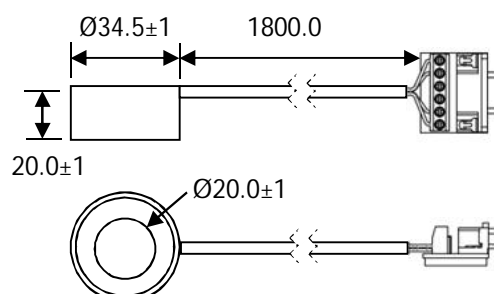
Sensitivity measurement diagram

Sensitivity measurement
Liquid level: 10cm (olive oil) / container: HDPE



Dimensions

Unit: mm



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