

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
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Capacitance at 1 kHz	2500 ± 20%	pF
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Measuring height of liquid level	50~2000	mm
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Operating temperature	-15~60	°C
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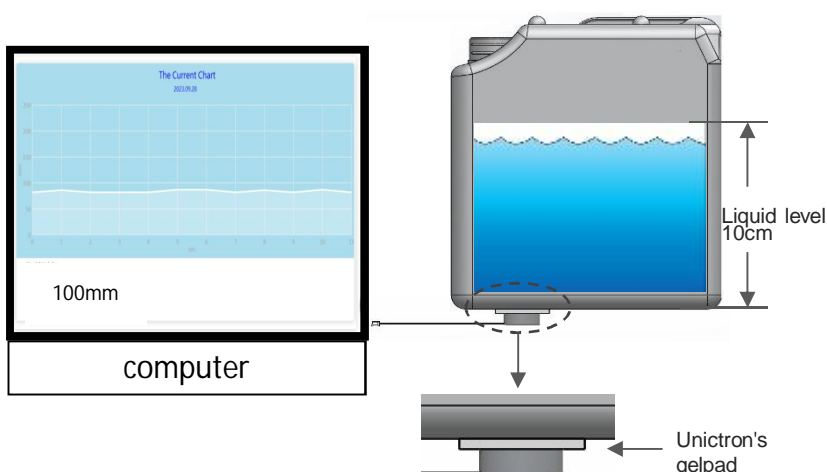
Storage temperature	-25~80	°C
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Measured at temperature :25±5°,40~70%RH

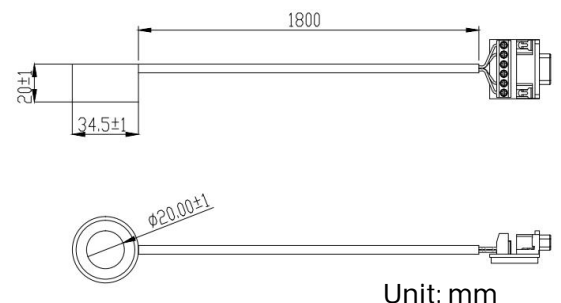
Sensitivity measurement diagram

Sensitivity measurement

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



Dimensions



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