

2 MHz Flow Meter Transducer



Model: MPYE

P/N: H2KMPYE2000600



Unictron's transducer is designed for a 2MHz ultrasonic liquid flow meter. The housing of transducer provides excellent resistance to solvents and acidic or basic environments. The transducer features a high sensitivity and a longer operational lifetime with low temperature drift.

Features

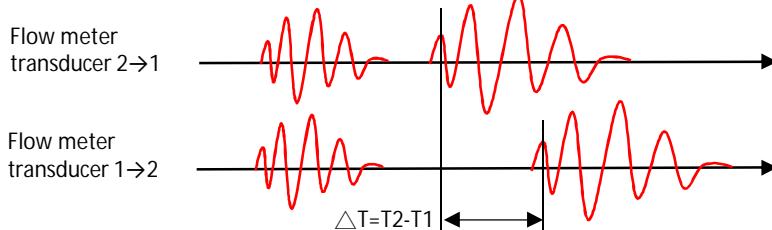
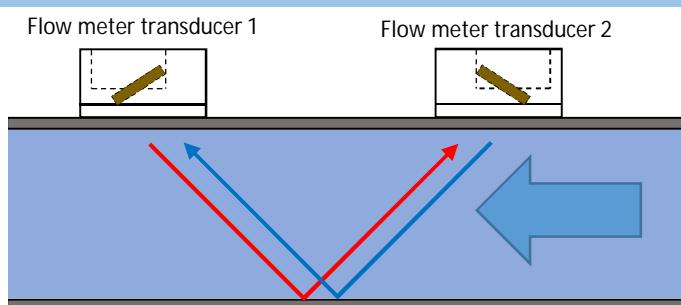
- High sensitivity
- Low temperature drift
- High operation temperature
- Excellent resistance to solvent and acid or base environment

Specifications

Operating Frequency	2	MHz
Capacitance (@ 1 kHz) *	$1.6 \pm 20\%$	nF
Sensitivity	-38 min	dB
Operating Voltage	50 max	Vpp
Operating Temperature	-10 ~ +80	°C

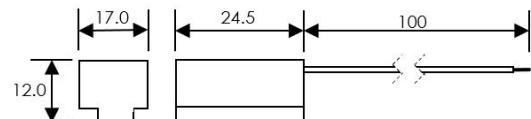
* Applied voltage Vpp=10V,square wave, 10 cycles burst, DN25 PVC , Water temperature 25°C

Sensitivity measurement diagram



Dimensions

Unit: mm



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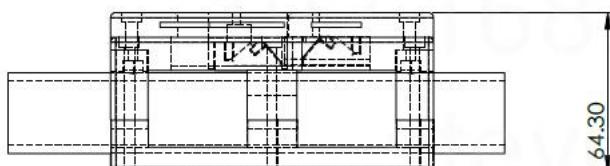
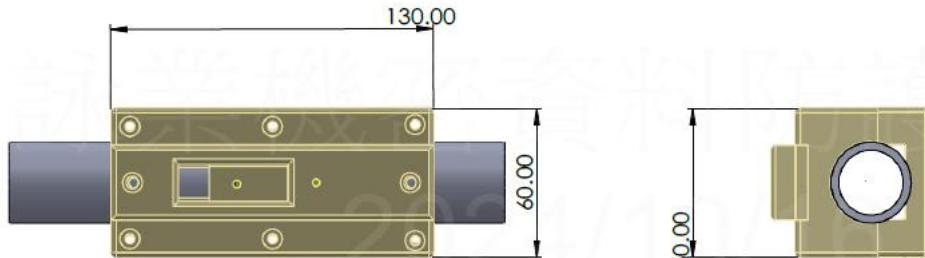
2 MHz Flow Meter Transducer



Ultrasonic Flow Meter transducer (Echo Sense Clamp type)

Model : MPYF

Housing material: ABS(3D print)
Unit: mm

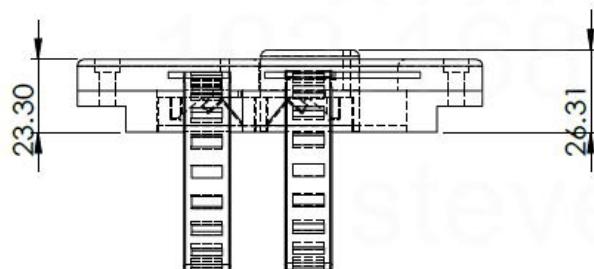
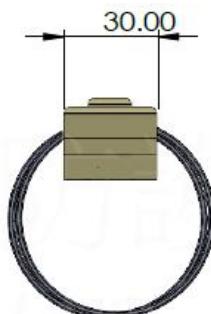
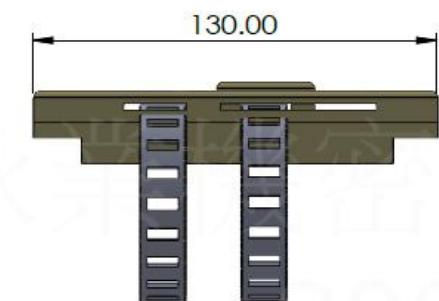


Note:

- MPYF assembly contains 2pcs of MPYE inside
- Housing material and dimensions can be customized

Model : MPYJ

Housing material: ABS(3D print)
Unit: mm



Note:

- MPYJ assembly contains 2pcs of MPYE inside
- The fixing can be done by a strap clamp
- Housing material and dimensions can be customized

