

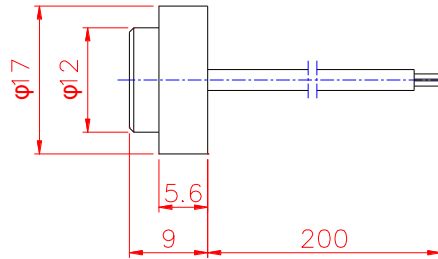
1 MHz Ultrasonic transducer for liquid flow:

Main Application:

- for water flow
- for short distance of liquid

Features:

- small size, easy installation
- High sensitivity, High precision, little aftershock wave, wide bandwidth
- Long life



Parameters

Name	Liquid transducer	Resistance Z(Ω)	750 Ω \pm 30%
Model	LF1000K2	Work voltage	3V
Piezo frequency f(kHz)	1.0MHz \pm 5%	Work temperature($^{\circ}$ C)	0~+50 $^{\circ}$ C
Transducer frequency (kHz)	1.0MHz \pm 5%	Storage temperature($^{\circ}$ C)	-30~+80 $^{\circ}$ C
Frequency tolerance of pairs	< 30KHz	Protection class	IP68
Bandwidth Δ f(Underwater)	\pm 10%	Material	PPS
Aftershock wave	< 30 μ s	cable	Two core wires 20CM
Sensitivity(V) (0dB=3Vp-p 5pulses L=7mm)	>1.0V	Anti corrosion	Weak acid, weak base
Beam angle $^{\circ}$ (-3dB)	9 $^{\circ}$	Weight (g)	14g
Static capacity(pf)	520PF \pm 20%		

Resistance



Sensitivity(0dB=3Vp-p 5pulses L=7cm)

