

200KHz Ultrasonic Gas Flow Transducer
Technique Data Sheet



MIC METERING (SHENZHEN) LIMITED

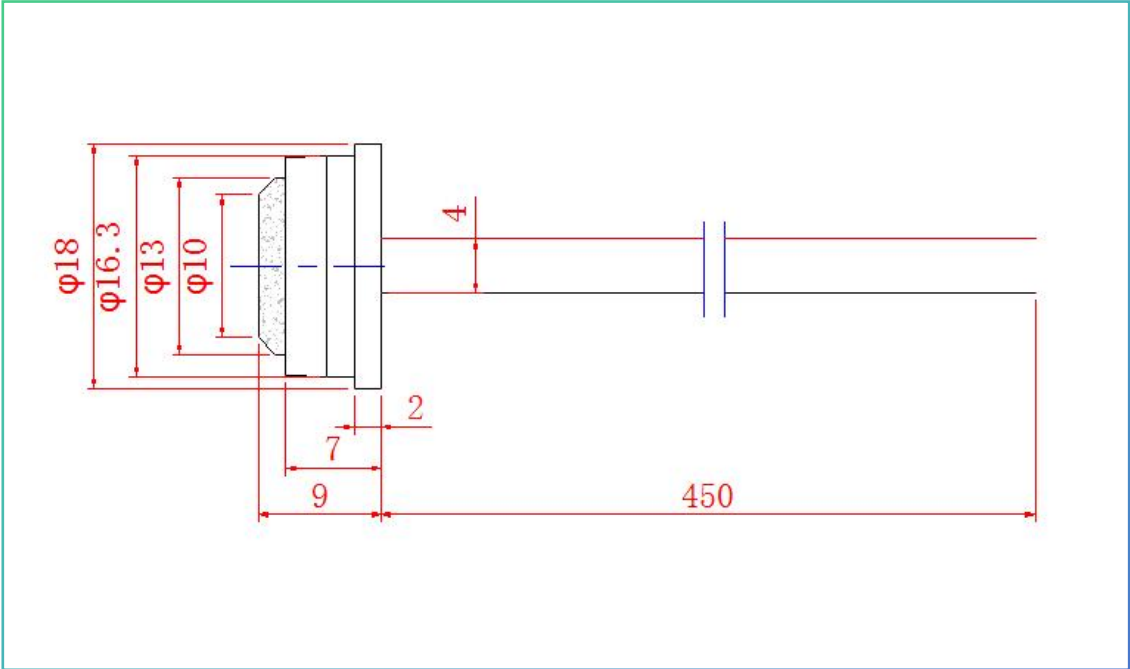


I: Parameters

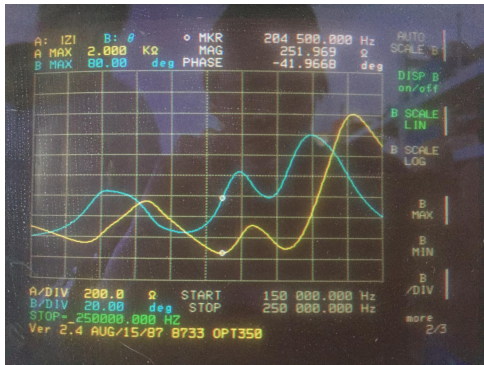
Name	Air flow transducer
Model	AF0200K1
Frequency f(kHz)	200kHz $\pm$ 4% OSCILLOSCOPE
Band width Δf	$\pm$ 5%
Sensitivity (dB) (0dB=15Vp-p*120mm)	-62db min SIGNAL GENERATOR
Beam angle (°)	12%
Static capacity (pf)	2000PF $\pm$ 20% MULTIMETER
Resistance Z(Ω)	250 Ω $\pm$ 30% IMPEDANCE ANALYZER
Max work voltage	<100V
Work temperature (°C)	-20~70°C
Pressure (MPa)	<0.3
Protection class	IP65
Anti corrosion	Gas, weak acid, weak base
Cable	AGR 39/0.07
Signal interface	soldering

Installation	
Weight (g)	4.8

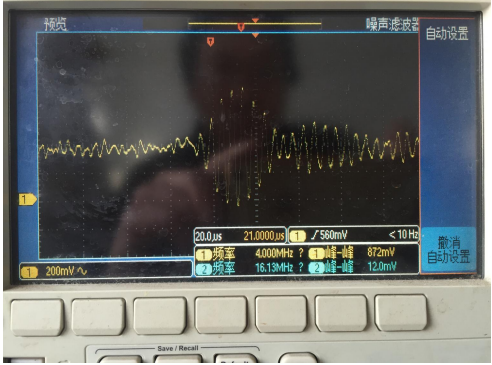
II: Technical Drawing



III. Product Key Index



Frequency-phase



Sensitivity

IV: Features:

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

V: Application

Gas meters, gas flow, air flow devices

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