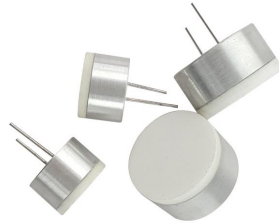


400K Ultrasonic Level Transducer
Technique Data Sheet



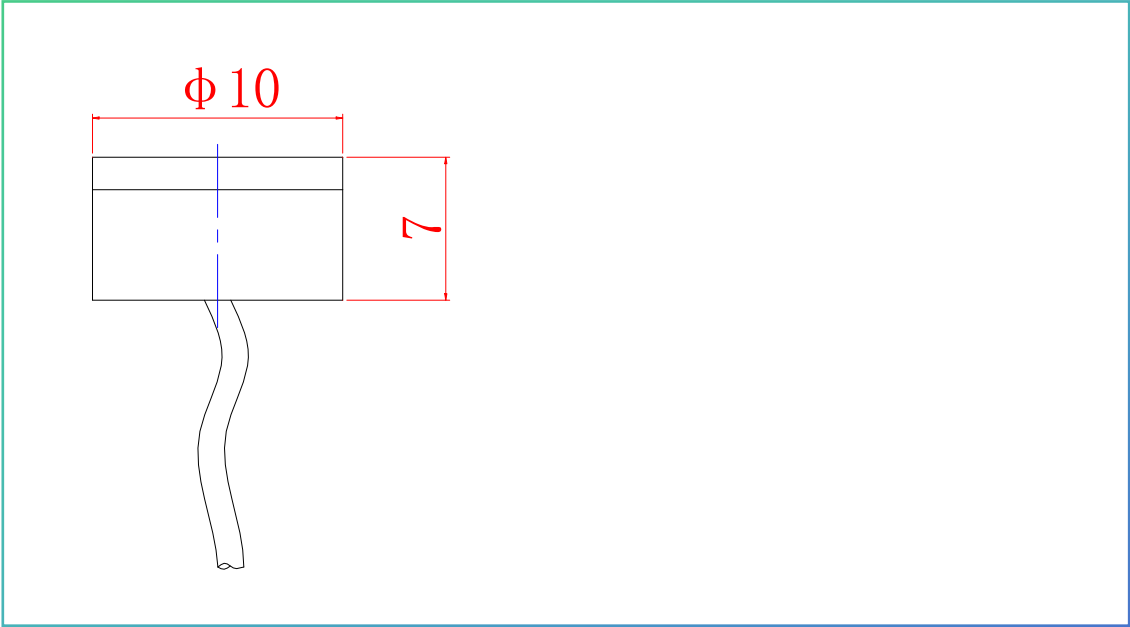
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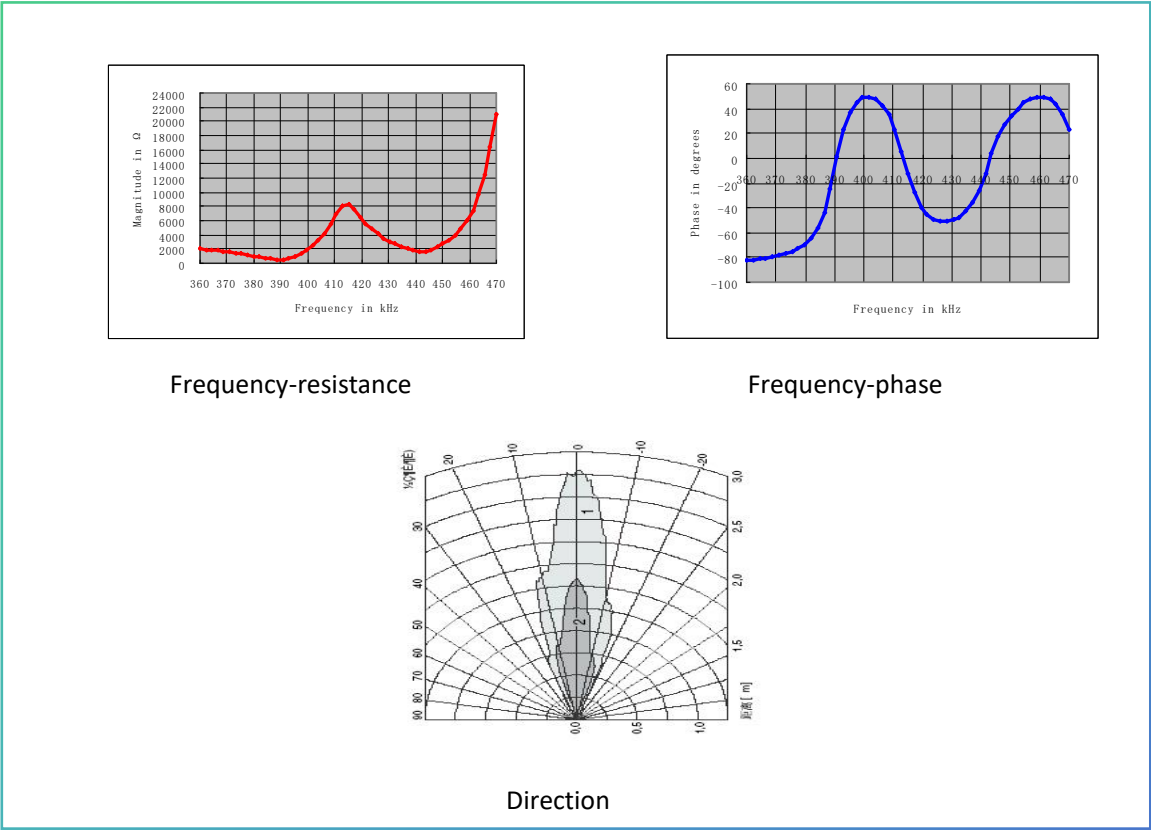
I: Parameters

Model	AD0400K1
Center Frequency (kHz)	400KHZ $\pm$ 4%
Band width	30kHz
Overall sensitivity 0 dB=18 Vp-p; Pulses: 50; Length: 10cm	$>$ -74dB
Measurement distance	0.05—0.3m
Blind Zone	$<$ 0.05m
Beam angle (-3dB)	$7 \pm 2^{\circ}$
Static capacity	180PF $\pm$ 20%
Minimum resistance	600 Ω $\pm$ 30%
Max work voltage	$<$ 300V
Work temperature	-20 $\sim$ 70 $^{\circ}$ C
Protection class	IP65
Housing material	Aluminum alloy

II: Technical Drawing



III. Product Key Index



The above tests were conducted in 25 ° environment

IV: Features:

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

V: Application

For level measure in air, such as ultrasonic level sensor, proximity sensor

MIC METERING (SHENZHEN) LIMITED

Address: 643-648, Zone A, Block B, Qinghu Science Park, Longhua, Shenzhen, China

Tel/WhatsApp: +86 13923792185

Email: robert@micmetering.com