# 200 kHz Air transducer



# Model: A200F1 P/N: H2KA200KF1CD00



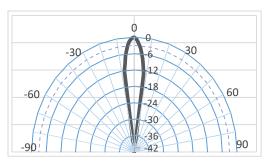
### Features

High performance High reliability PVDF housing Chemical resistance Waterproof IP68 Patented technologies

### Major Applications

Non-contact level detection Proximity measurement

## Directivity Diagram



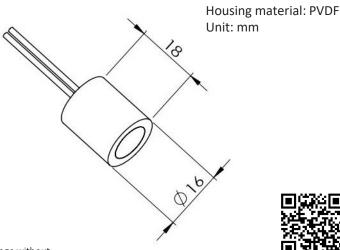
As Unictron continues to improve its products, all specifications are subject to change without notice. All specifications are typically measured at 25  $\pm$  3  $^\circ$  C, 45 to 60% RH.

A200F1 works as a signal transmitting and receiving unit. This ultrasonic transducer is particularly suitable for non-contact level detection and proximity measurement with high resolution as well as exceptional reliability.

# Specifications

Operation Frequency	200	kHz
Capacitance (@ 1 kHz, 1Vrms)	500	pF
Directivity (Full Angle @-3 dB)	8	Degree
Maximum Driving Voltage ( 2% Duty Cycle Tone Burst )	500	V <sub>p-p</sub>
Maximum Sensing Range	200	cm
Blind Zone	< 5	cm
Dimension-OD (Face)	16.0	mm
Dimension-Height	18.0	mm
Dimonsions		

#### Dimensions



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