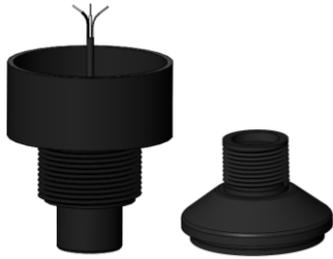


100 kHz Air transducer



Model: A100E

P/N: H2KA100KE1CD00



A100E works as a signal transmitting and receiving unit. This ultrasonic transducer is suitable for non-contact level detection and proximity measurement. In particular, the transducer with the PVDF housing can operate under harsh chemical environment to measure the level of fluids, pastes, and coarse bulk materials.

Features

- High performance
- High reliability
- PVDF housing
- FDA compliance
- Chemical resistance
- Waterproof IP68
- Patent pending

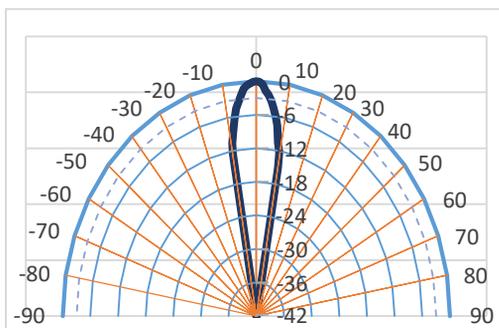
Specifications

Operation Frequency	100 kHz
Capacitance (@ 1 kHz, 1Vrms)	1000 pF
Directivity (Full Angle @-3 dB)	10 Degree
Maximum Sensing Range	400 cm
Blind Zone	< 20 cm
Dimension-OD	29.0 mm
Dimension-Height (transducer + cover)	126.6 mm

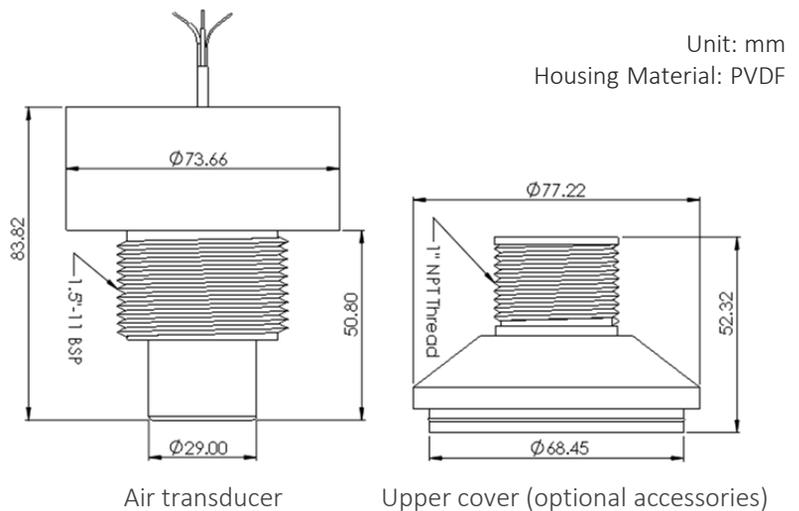
Major Application

- Level detection
- Proximity measurement

Directivity Diagram



Dimensions



Optional Accessories



Upper Cover
P/N: H4J614103002AV



As Unictron continues to improve its products, all specifications are subject to change without notice. All specifications are typically measured at 25 ± 3 °C, 45 to 60% RH.