

125 kHz Air transducer



Model: A125C
P/N: H2KA125KC1CD00



A125C 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.

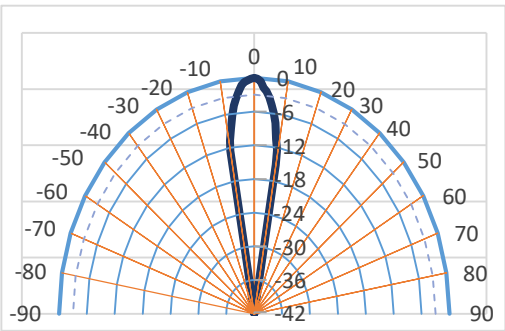
Features

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

Major Application

- Level detection
- Proximity measurement

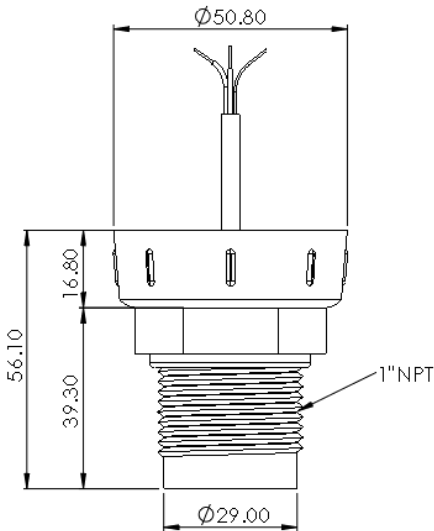
Directivity Diagram



Specifications

Operation Frequency	125 kHz
Capacitance (@ 1 kHz, 1Vrms)	1000 pF
Directivity (Full Angle @-3 dB)	10 Degree
Maximum Sensing Range	300 cm
Blind Zone	< 15 cm
Dimension-OD	29.0 mm
Dimension-Height	56.1 mm
Housing Material	PVDF

Dimensions



Unit: mm
Housing Material: PVDF



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.