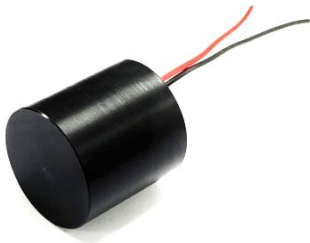


Model: A100A

P/N: H2KA100KA1CD00



A100A 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.

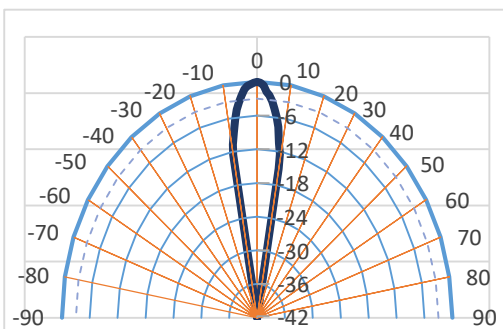
Features

- High performance
- High reliability
- PVDF housing
- FDA compliance
- Chemical resistance
- Waterproof IP68
- Patented technologies

Major Applications

- Level detection
- Proximity measurement

Directivity Diagram



Specifications

| | |
|---------------------------------------------------------|------------------------------|
| Operation Frequency | 100 kHz |
| Capacitance (@ 1 kHz, 1Vrms) | 1600 pF |
| Directivity (Full Angle @-3 dB) | 10 Degree |
| Maximum Driving Voltage (2% Duty Cycle Tone Burst) | 800 V _{p-p} |
| Maximum Sensing Range | 400 cm |
| Blind Zone | < 20 cm |
| Dimension-OD | 29.0 mm |
| Dimension-Height | 30.0 mm |
| Wire | UL1430 #24 AWG ϕ 1.43mm |

Dimensions

