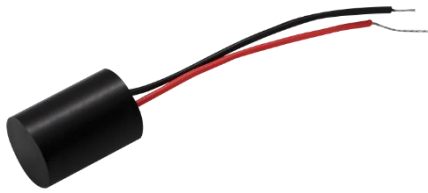


Model: A240A1

P/N: H2KA240KA1CD00



A240A1 works as a signal transmitting and receiving unit. This ultrasonic transducer is suitable for non-contact level detection and proximity measurement with extraordinary reliability. 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.

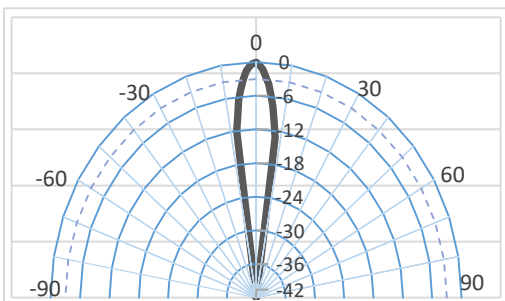
Features

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

Major Applications

- Non-contact level detection
- Proximity measurement

Directivity Diagram



Specifications

| | |
|---|------------------------------|
| Operation Frequency | 240 kHz |
| Capacitance (@ 1 kHz, 1Vrms) | 400 pF |
| Directivity (Full Angle @-3 dB) | 8 degree |
| Maximum Driving Voltage (2% Duty Cycle Tone Burst) | 500 V _{p-p} |
| Maximum Sensing Range | 120 cm |
| Blind Zone | < 4 cm |
| Dimension-OD (Face) | 13.5 mm |
| Dimension-Height | 18.5 mm |
| Wire | UL1430 #24 AWG ϕ 1.43mm |

Dimensions

Housing material: PVDF
Unit: mm

