

Model: A240F1

P/N: H2KA240KF1CD00



A240F1 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.

Features

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

Major Applications

- Non-contact level detection
- Proximity measurement

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	17.5 mm

Dimensions

Housing material: PVDF
Unit: mm

Directivity Diagram

