125 kHz Air transducer



Model: A125A

P/N: H2KA125KA1CD00



A125A 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

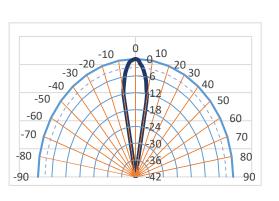
Level detection

Proximity measurement

Specifications

Operation Frequency	125	kHz
Capacitance (@ 1 kHz, 1V	rms) 1000	рF
Directivity (Full Angle @-:	3 dB) 10	Degree
Maximum Driving Voltage (2% Duty Cycle Tone Burs	800	V _{p-p}
Maximum Sensing Range	300	cm
Blind Zone	< 15	cm
Dimension-OD	25.0	mm
Dimension-Height	25.0	mm
Wire	UL1430 #24AWG φ1.43mm	

Directivity Diagram



Dimensions

