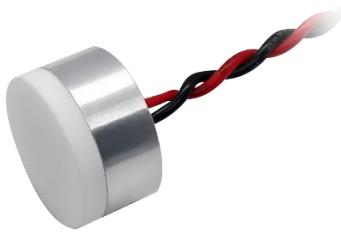


# 200 kHz Air transducer



Model: A200H1

P/N: H2KA200KH1CD00



A200H1 ultrasonic transducer is designed to deliver outstanding performance at around 200 kHz frequency. The transducer works as a signal transmitting and receiving unit. This ultrasonic transducer is suitable for double feed detection, web guiding control and proximity measurement, etc.

## Features

- High performance
- High reliability
- Uniform sound intensity
- Aluminum housing

## Major Applications

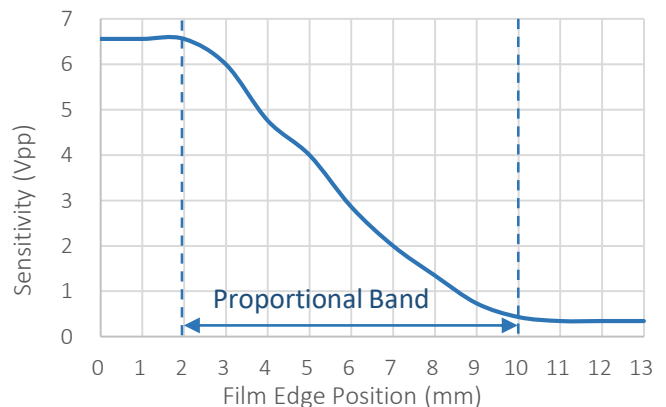
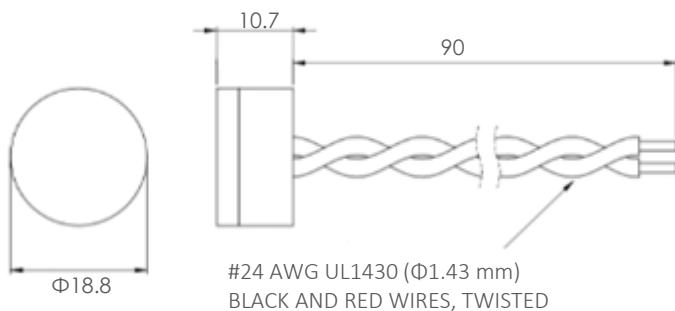
- Edge position control
- Double feed detection
- Proximity measurement

## Specifications

Operation Frequency	200 kHz
Capacitance (@ 1 kHz, 1Vrms)	500 pF
Directivity (Full Angle @-6 dB)	10 degree
Maximum Driving Voltage ( 2% Duty Cycle Tone Burst )	500 V <sub>p-p</sub>
Proportional Band (Working Range)	8-9 mm
Dimensions	18.8x10.7 mm
Housing Material	Aluminum

## Dimensions & Proportional Band Plot

Unit: mm



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.