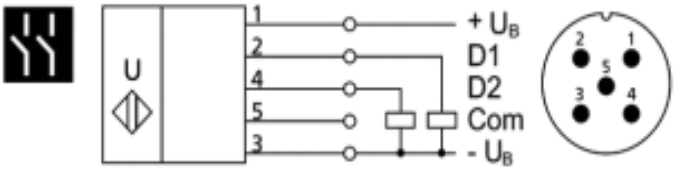
Techsense Bangladesh Ltd

Ultrasonic Distance Sensor, Code- Mic+35/DD/TC/E

An Ultrasonic Sensor is a device that can measure the distance to an object by using sound waves. It measures distance by sending out a sound wave at a specific frequency and listening for that sound wave to bounce back. By recording the elapsed time between the sound wave being generator and the sound wave bouncing back, it is possible to calculate the distance between the sensor object. The Ultrasonic Sensor sends out a high-frequency sound pulse and then times how long it takes for the echo of the sound to reflect back.

General Attributes

- Measuring Range : 65 - 600 mm
- Operating mode / basic function Proximity : switch / reflection switch Reflection barrier Window operation
- Operating voltage Ub : 9 V to 30 V DC, biased
- Switching Output : PNP
- Operating range : 350 mm
- Limit scanning range : 600 mm
- Switching frequency : 8 Hz
- Operating temperature : -25 ° C to + 70 °
- Measurement : echo-time measurement
- Housing material : stainless steel, plastic parts: PBT, TPU
- Ultrasonic Frequency : 400 kHz
- Storage temperature : -40 ° C to + 85 ° C
- Weight : 110 g
- Temp compensation : yes
- Protection class to EN 60529 : IP 67
- Display elements : 3-digit LED display, 2 x three-color LED



Wiring diagram

Application Notes

Indicate the position of objects and materials.
Determine the dimensions of objects such as height, width and diameter.
level control for caustic liquids
loop control
Roll diameter, tension contro

For further information please visit : https://goo.gl/tXyCsc

LISTED IND. CONT. EQ. 81U2 for use in the secondary of a class 2 source of supply

IND. CONT. EQ 81U2 for use in the secondary of a class 2 source of supply Environmental - Type 1 Enclosure

We are the authorized distributor of Microsonic in Bangladesh.