

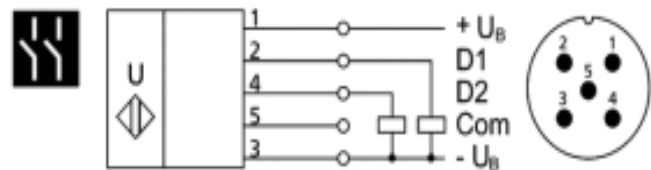
Techsense Bangladesh Ltd

Ultrasonic Distance Sensor, Code- mic+340/DD/TC

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 generated and the sound wave bouncing back, it is possible to calculate the distance between the sensor and the 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 : 350 - 5,000 mm
- Operating mode / basic function Proximity : switch / reflection
switch Reflection
barrier Window operation
- Operating voltage U_b : 9 V to 30 V DC,
biased
- Switching Output : PNP
- Operating range : 3400 mm
- Limit scanning range : 5,000 mm
- Switching frequency : 3 Hz
- Operating temperature : -25°C to $+70^{\circ}\text{C}$
- Measurement : echo-time
measurement
- Housing material : Brass pipe, nickel
plated, plastic parts
PBT, TPU
- Ultrasonic Frequency : 120 kHz
- Storage temperature : -40°C to $+85^{\circ}\text{C}$
- Weight : 165 g
- Temp compensation : yes
- Protection class to EN 60529 : IP 67
- Display elements : 3-digit LED display, 2 x
three-color LED
- Special features : Display



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 control

For further information please visit : <https://goo.gl/1UPqHR>