

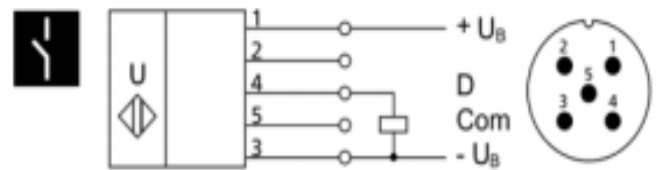
Techsense Bangladesh Ltd

Ultrasonic Distance Sensor, Code- mic+25/D/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 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 : 30-350mm
- Operating mode / basic function Proximity : switch / reflection switch
- Operating voltage U_B : 9 V to 30 V DC, biased
- Switching Output : PNP
- Operating range : 250 mm
- Limit scanning range : 350 mm
- Switching frequency : 25 Hz
- Operating temperature : -25°C to $+70^{\circ}\text{C}$
- Measurement : echo-time measurement
- Housing material : Brass pipe, nickel plated, plastic parts: PBT
- Ultrasonic Frequency : 320 kHz
- Storage temperature : -40°C to $+85^{\circ}\text{C}$
- Weight : 110 g
- Temp compensation : yes
- Protection class to EN 60529 : IP 67
- Display elements : 3-digit LED display, 2 x three-color LED
- 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 contro

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