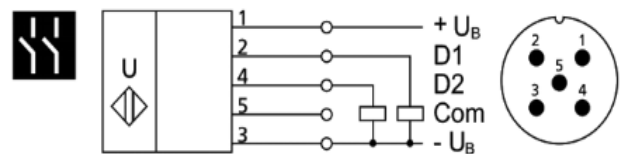


Ultrasonic Distance Sensor, Code- Mic+600/DD/TC

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 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 : 600 - 8,000 mm
- Operating mode / basic function Proximity : switch / reflection switch Reflection barrier Window operation
- Operating voltage U_b : 9 V to 30 V DC, biased biased
- Switching Output : PNP
- Operating range : 6000 mm
- Limit scanning range : 8000 mm
- Switching frequency : 2 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 : 80 kHz
- Storage temperature : -40°C to $+85^{\circ}\text{C}$
- Weight : 230 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/ZZKNIC>