Gravity 5V Non-contact Liquid Level Sensor

FIT0887

Product Overview
11/14/2022
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

The compact 5V non-contact liquid level sensor with Gravity Interface detects 0°C to 100°C conductive liquid levels in non-metallic containers in sensing range of 3mm. This sensor can be directly used on Arduino UNO for liquid level detection of the water tank, beverage machine, water pipe, and scientific experiment test tube.

The liquid level sensor is protected by level IP67 and employs an integrated all-in-one shell. This sensor also features a fully enclosed waterproof glue encapsulation process to block the intrusion of dust and protect internal electric components. The 5V non-contact liquid level sensors comes with a sensor cable, with great electrical conductivity, is flexible, durable, waterproof, and oil-proof.
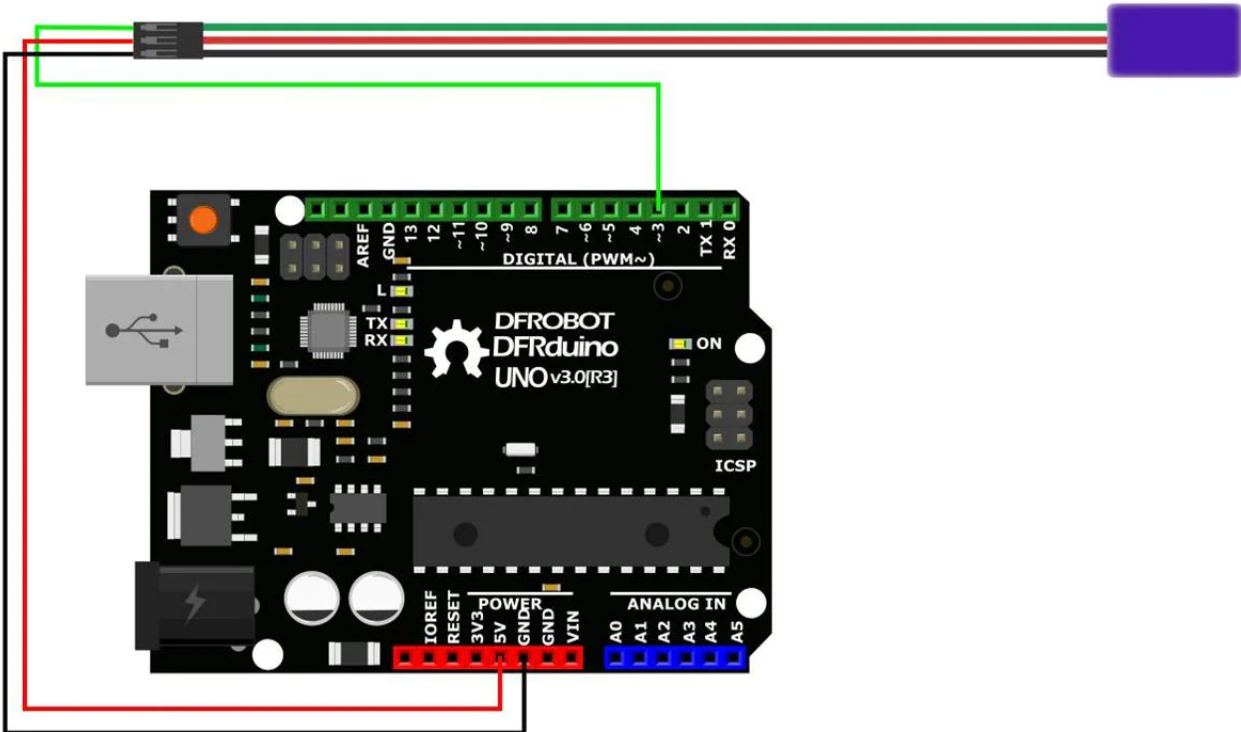
Features

- Gravity interface, easy to connect
- Compact size
- IP67 protection grade

Specifications

- 5V supply voltage
- 3mm sensing distance
- 0°C to 100°C conductive liquid (can only detect non-metallic containers) applicable medium
- High/low (low-level output) output mode
- <5mA working current
- -5°C to 80°C working temperature
- -20°C to 85°C storage temperature

Connection Diagram

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-gravity-liquid-level-sensor/