

# KIT0139

## Gravity: Throw-In Type Liquid Level Transmitter

### Product Overview

07-26-2022

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

### Description

DFRobot Gravity: Throw-In Type Liquid Level Transmitter operates a high-performance pressure sensing chip with advanced circuit processing and temperature compensation technology. This liquid level transmitter receives different pressures at different depths of liquid that are converted into current signals and output through the sensor. This helps in measuring the depth of liquid. The shell of the transmitter is made of steel, anti-corrosion, and easy to clean. The liquid level transmitter is directly placed in the water, oil, or even mash with large viscosity. This transmitter provides a steady performance in all sorts of measurement conditions such as a river, reservoir, city water supply, groundwater in urban, and basin. Typical applications include waterworks, refinery, sewage disposal work, construction, light industry, and mechanical.



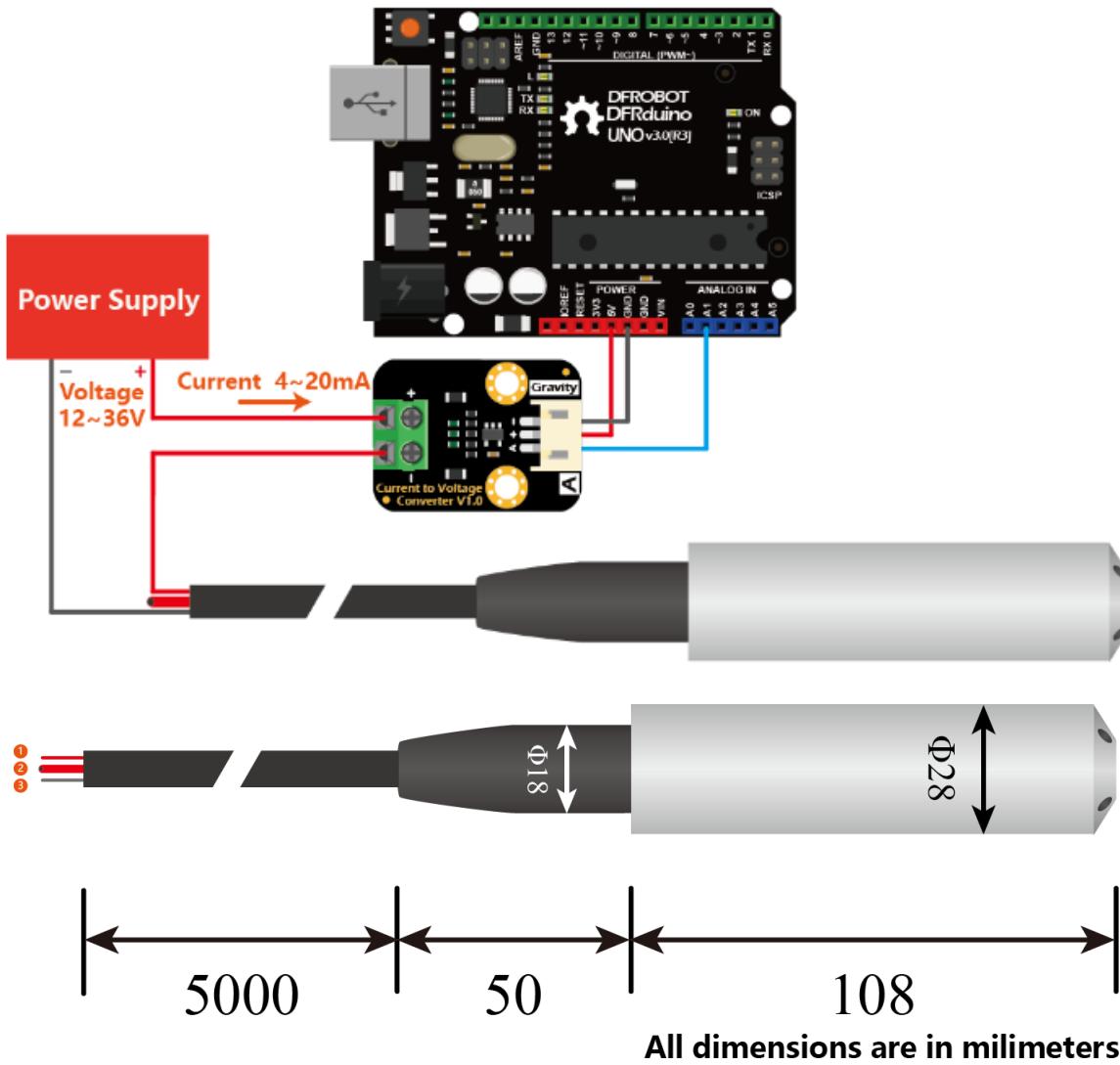
### Features

- 5m cable length
- 0m to 5m measuring range
- 0.5% accuracy
- 4mA to 20mA output signal
- 12V to 36V operating voltage range
- -20°C to 70°C operating temperature range
- 300% overload capacity
- $1 \times 10^8$  pressure circulation (25°C) service life
- 316L stainless steel material
- IP68 protection class

### Applications

- Waterworks
- Refinery
- Sewage disposal work
- Construction
- Light industry
- Mechanical industry

## Connection Diagram



## Mouser Part Number

[View Part](#)

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