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## Gravity: Liquid Flow Sensor (G1/2)

**\$19.90**

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This liquid flow sensor uses electromagnetic principles, is waterproof, and can measure liquids via NPN pulse signals.



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**G1/4**

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**G1/2**

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**G3/4**

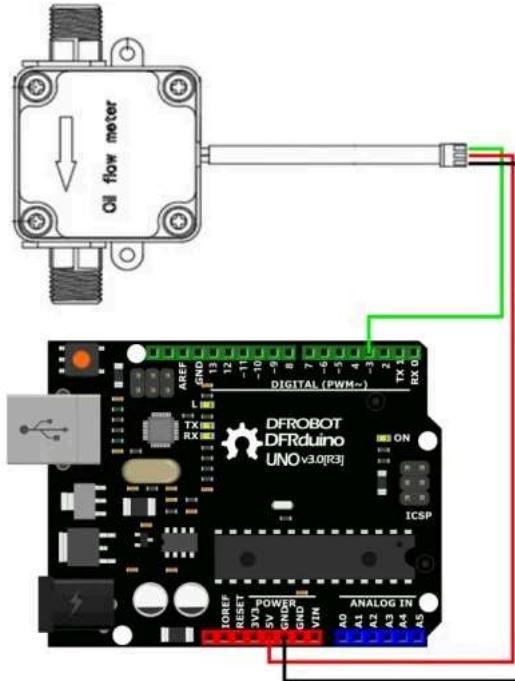
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## Introduction

This Gravity: Liquid Flow Sensor is designed based on the electromagnetic principle. It adopts O-ring rubber seal and uses silicone sealant at the outlet end to ensure good waterproofness. Also, it embraces high anti-electromagnetic interference and anti-vibration capabilities, offering reliable performance and long service life.

The sensor can be used with microcontrollers like [Arduino UNO](#) to measure the flow of liquids with high concentration and low viscosity like water, diesel, engine oil, milk, paint, detergent, honey, etc. (no impurity in liquid)



## Features

Gravity interface, easy to wire

Wide voltage of 3.5~24V

Measure the flow of the high-concentration but low-viscosity liquid

RoHS compliant

## Applications

Measure the flow of liquids with high concentration and low viscosity

## Specification

Operating Voltage: DC3.5~24V

Operating Current: ≤10mA (DC5V)

Output Mode: NPN pulse signal

Pipe Diameter: G1/2

Thread I.D.: 10mm

Thread O.D.: 20.5mm

Thread Length: 29mm

Water Pressure Resistance: ≤1.2MPA

Insulation Resistance: >100MΩ

Flow Range: 30-1200L/H

Error: ±1% (5-600L/H)

Output Pulse High Level: >DC4.7V (input voltage DC5V)

Output Pulse Low Level: < DC0.5V (input voltage DC5V)

Output Pulse Duty Ratio: 50%±10%

Flow & Pulse Correlation: 1L=150 pulses

Operating Temperature: ≤80°C

Operating Humidity: 35%~90%RH (No condensing)

Storage Temperature: -25°~+80°C

Storage Humidity: 25%~95%RH

Dimensions: 80\*47\*37mm/3.15\*1.85\*1.46"

## Documents

[Product wiki](#)

## Shipping List

Gravity: Liquid Flow Sensor (G1/2) × 1

## Information

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