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## Temperature Sensor - Waterproof (DS18B20)

SEN-11050 ROHS ✓

★★★★☆ 4



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**Description:** This sealed digital temperature probe lets you precisely measure temperatures in wet environments with a simple 1-Wire interface. The DS18B20 provides 9 to 12-bit (configurable) temperature readings over a 1-Wire interface, so that only one wire (and ground) needs to be connected from a central microprocessor.



**Dimensions:** Probe is 7mm in diameter and roughly 26mm long. Overall length (including wire) is 6 feet.

**Features:**

- 3.0-5.5V input voltage
- Waterproof
- -55°C to +125°C temperature range
- ±0.5°C accuracy from -10°C to +85°C
- 1 Wire interface