

# Tech datasheet

## Water Leak Sensor

Reference:  
ACCWATERLK



The industrial grade water leak sensor detects and alerts of a potential water leak emergency. When the water comes into contact with the sensor probe, it activates a relay that can trigger SMS alarm sent from SMSEagle device. The water leak sensor is designed with industry-standard IP66 rated, featuring waterproof and dustproof. The control circuit possesses minimal potential energy, mitigating the risk of igniting flammable or combustible substances.

### Hardware details

<b>Power Supply:</b>	5V
<b>Operating Current:</b>	< 60mA
<b>Quiescent Current:</b>	<25mA
<b>IP Rating:</b>	IP66
<b>Response Time:</b>	< 50ms
<b>Measurement Medium:</b>	water
<b>Operating Temperature:</b>	-5°C ~ +60°C
<b>Weight:</b>	200g
<b>Dimensions:</b>	59 x 32 mm
<b>Cable Length:</b>	3m

- The probe pole of the sensor is placed facing down to the ground vertically. The sensor should be placed in the lower spot in the flat area.
- If you need to detect a small amount of water (not to a certain depth), it's a good practice to place a sponge tray under the probe.

### Useful external links

Product accessories: <https://www.smseagle.eu/products/accessories/>

### Features

- Easy to install
- Relay signal output compatible with SMSEagle digital input
- The probe is made of alloy and durable, and with water-proof cable
- Strong anti-interference and long-term stability

### Wiring Diagram

White -----	D1
Blue -----	DI2 (optional)
Red -----	5V
Yellow -----	GND
Brown -----	GND