

Water Leak Detector

SEN0454

Product Overview

01-11-2023

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot SEN0454 Water Leak Detector indicates water leakage to minimize and avoid damage. The sensor is based on the integrated design of NO/NC that aims to detect water leakage and water shortage. The sensor uses a relay output signal, when it is normally open and water touches the two probes, the built-in relay will be triggered. When it is normally closed and the water level is lower than two probes, the built-in relay will be triggered. Then, the alarm system will be turned on or the equipment in the house will be switched off.



The potential energy of the control circuit in this SEN0454 water leak detector is very low and will not cause combustible materials to catch fire, which ensures safe use. This sensor features high sensitivity, low false alarm rate, and waterproof and dustproof IP66 protection grade. This device can be widely used in kitchens, hotels, base stations and factory warehouses.

Features

- Water process medium
- Switch quantity output signal
- <30mA operating current
- 7V to 18V operating voltage range
- <50ms response time
- -10°C to 60°C operating temperature range
- IP66 protection level
- 47mm/1.85" in diameter, 30mm/1.18" in height size
- Wiring:
 - Red wire - power supply +
 - Black wire - power supply -
 - Blue wire-common
 - Green wire-normally closed
 - Yellow wire-normally open

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-water-leak-detector/>