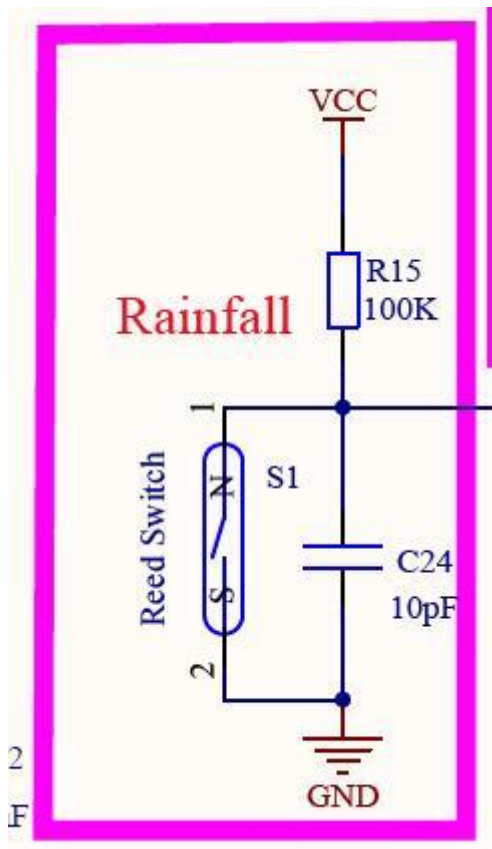


Rain Sensor



Dimension of the upper tray: 11*5*2cm

The rain gauge is a self-emptying tipping bucket type.

value is per 1m²

Each 0.011" (0.2794 mm) of rain causes one momentary contact closure that can be recorded with a digital counter or microcontroller interrupt input.

The gauge's switch is connected to the two center conductors of the attached RJ11-terminated cable.

According to the times of the reed switch is turned on to calculate rainfall.

The magnet inside the Balanced triangular device can make the reed switch turn-on, resulting in pulse output.

if this time **rain counter value is 8**, and the last time **rain counter value is 6**:

At this time, the rainfall = (8-6)*0.2794 = 0.5588mm.