



GND: connect GND	VCC: connect 3.3V, 5V
OUT: Analog signal output	NC: no need connect
Working Voltage: 3.3V/5V	Size of module: 29.4mm*28.8mm

Photosensitive sensors are made of cadmium sulfide, selenium, aluminum sulfide, lead sulfide, and bismuth sulfide. Its working principle is based on the internal photoelectric effect. The stronger the light, the lower the resistance value. As the light intensity increases, the resistance value will decrease, and the resistance value can be as small as  $1\text{K}\Omega$  or less. The photo-resistor is very sensitive to light. When there is no light, it is in a high-resistance state, and the resistance value is up to  $1.5\text{M}\Omega$ .