

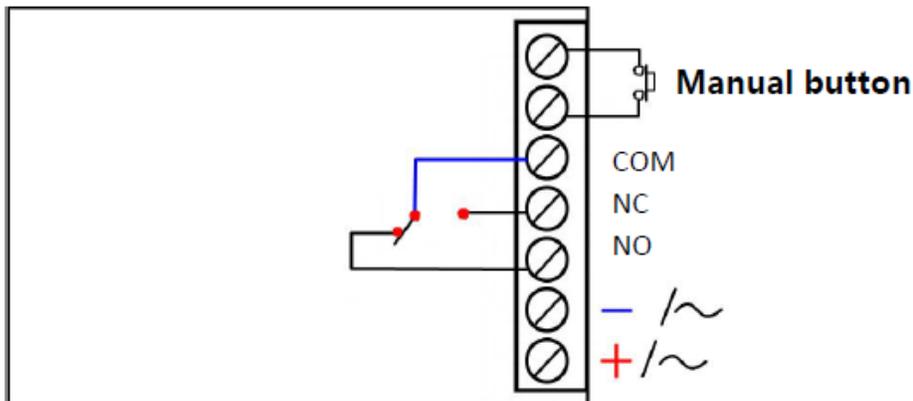
Reflector Photocell User's Guide

Reflector Photocell is a photoelectric sensor that loads the transmitter and the receiver into the same device, fits a reflector in front of it, and completes the photoelectric control effect using the reflection principle. It can be used to detect changes in light and color on the ground, or to detect close objects. Commonly used application scenarios are: lifting door, revolving door, sliding door, wall security protection, window and balcony security, warehouse security, parking lot and other outdoor security places.

Technical parameters:

- 1). Operating Voltage: AC9V~24V (AC Frequency: 45~60HZ, $I_{max}=15mA$);
DC12V~24V($I_{max}=38mA$)
- 2). Working current: $<38mA@12VDC$ (Relay on)
 $<20mA@12VDC$ (Relay off)
- 3). Induction distance: $<10m$
- 4). Sensitivity: Fixed
- 5). Reaction time: about 30mS
- 6). Ambient light intensity: Max.5000lux
- 7). Emission tube parameters: wavelength: 740nm; luminous type: visible red light
- 8). Relay:Load parameter: AC 3A/125VAC; DC 3A/30VDC
Coil parameters: DC9VDC ($I_{max}=20mA$)
- 9). LED indicator light: Green LED lamp: 1). Power switch; 2). Light flash indicates weak signal
Red LED lamp: working status signal (on / off: working signal valid / invalid)
- 10). Operating temperature: $-20^{\circ}C \sim +70^{\circ}C$
- 11). Storage temperature: $-30^{\circ}C \sim +80^{\circ}C$
- 12). Product Size (LxWxH): 115 * 54 * 50mm
Reflective plate (LxWxH): 120 * 80 * 6.5mm
- 13). Product weight: 192g

Product electrical interface:



Product installation:

- 1) Ensure that the maximum induction distance can not be exceeded;
- 2) places the reflector in the appropriate position to the sensor;
- 3) adjusts the position of the sensor horizontal and the vertical direction according to the reflector and points the sensor to the center of the reflector [During the first installation and commissioning, fix the sensor first, align the reflector at the sensor, and then move the reflector from a near to far direction to the desired location];
- 4) Do not power the sensor before completing all electrical wiring.