

Infrared Obstacle Photoelectric Proximity Sensor

Model: E18-D80NK



Description:

The E18-D80NK is a transmitter and receiver kit in one of the Photoelectric Sensors. The detection distance can be adjusted as required. The sensor has many advantages, such as early warning, low visible light interference, cheap price, simple assembly and ease of use. It can be widely used in avoiding the obstacles of the robot, parts of the pipeline line and many products of automation products.

Specifications:

- ❖ DC / SCR output current / relay output: 100mA V / 5 V power supply
- ❖ DC current Consumption <25 mA
- ❖ Response Time: <2ms
- ❖ Pointing Angle: $\leq 15^\circ$
- ❖ Effective Distance: 3-80 cm adjustable
- ❖ Object Detection: Transparent or opaque body
- ❖ Operating Temperature: $-25^\circ\text{C} \sim +55^\circ\text{C}$
- ❖ Detection Range: 3-80 cm
- ❖ Sensitive Object: Transparency, opacity
- ❖ Power Supply: DC5V
- ❖ Output Operation: Normally open (O) ❖ Output: Three-wire DC system (NPN)

Wiring:

- **Red:** Connected 4.5-V 5 V power supply

- **Yellow:** Microcontroller TTL level connected to microcontroller
- **Green:** GND 0 V to low power

Applications:

- ✓ Automatic production line of equipment for counting goods.
- ✓ Multi-functional reminder.
- ✓ Take the labyrinth robot.

More Detailed Photos:



Made in China