

**Smart Car Robot E18-D80NK Infrared
Obstacle Avoidance Photoelectric Sensor
Proximity Switch 3-80cm Detection Range
Adjustable**



Product Description:

This is a set of transmitter and receiver in one of the photoelectric sensor. Detection distance can be adjusted according to the requirements. The sensor has a detection distance by visible light interference is small, cheap, easy to assemble, easy to use features, can be widely used robot obstacle avoidance, pipeline piecework and many other automation products.

Electrical Characteristics:

U: 5VDC

I: 100mA

Sn :3-80cm

Diameter: 17mm

Sensor length: 45MM

Lead Length: 45CM



Applications:

- 1, the production line goods automatic counting device**
- 2, multi-functional reminder**
- 3, Maze Robot**
- 4, kitchen Automation system**
- 5, security anti-theft system**

**Photoelectric sensor (photoelectric switch) NPN normally open
Model: E18-D80NK.**

Photoelectric switch E18 Technical parameters:

- 1, the output current DC / SCR / Relay Control output: 100mA/5V supply**
- 2, the consumption of current DC <25mA**
- 3, the response time <2ms**
- 4, point angle: $\leq 15^\circ$, the effective distance of 3-80CM adjustable**
- 5, object detection: transparent or opaque**
- 6, the working environment temperature: -25°C to $+55^\circ\text{C}$**
- 7, the standard sensing object: sunlight below 10000LX incandescent 3000LX**
- 8, Case Material: Plastic**







