This is an infrared distance switch. It has an adjustable detection range, 3cm - 80cm. It is small, easy to use/assemble, inexpensive. Useful for robot, interactive media, industrial assembly line, etc.

**Specification**

Model NO: E18-D80NK-N

Sensing range: 3-80cm adjustable

Sensing object: Translucency, opaque

Supply voltage: DC5V

Load current: 100mA

Output operation: Normally open(O)

Output: DC three-wire system(NPN)

Diameter: 18mm, Length: 45mm

Appearance: Threaded cylindrical

Material: Plastic

Guard mode: Reverse polarity protection

Ambient temperature: -25-70℃

Red: +5V; Yellow: Signal; Green: GND