

Photoelectric sensors (optical switch) NPN normally open

Model: 50NK

50NK technical parameters:

1. the output current DC / SCR / Relay Control output: 100mA/5V supply
2. current consumption DC <25mA
3. response time <2ms
4. point angle : $\leq 15^\circ$, the effective distance adjustable 3-50CM
5. the detection of objects : transparent or opaque
6. the working environment temperature : $-25^\circ\text{C} \sim +55^\circ\text{C}$
7. the standard sensing object : less sunlight 10000LX less incandescent 3000LX
8. Case Material : Plastic



This section sensor is a modified version of the E18-D80NK mainly shape has changed, changed from the previous round square , small lot, the installation of new fixed up to be more convenient than before , the lead parts are oblique angle when placed too simple and a lot of lead ! Performance with the previous E18 is similar, very stable ! There is a different point on the line is 50NK added protection, the positive and

negative poles are wrong and will not burn (before E18 is not protected in this regard , the general did not understand or do not understand the circuit buyers are not accidentally pick the wrong negative when instantly burn) do not understand this circuit touches can give buyers want to experiment provided a guarantee - the lingua franca of the buyers want a lot of light !

This is a set of transmitter and receiver in one of the photoelectric sensor. A detection distance can be adjusted according to the requirements . The sensor has a detection distance , visible interference by small , cheap, easy to assemble , easy to use features , can be widely used robot obstacle avoidance , line piece and many occasions.

Electrical characteristics:

Voltage: 5VDC

Current: 100mA

Sensing Distance: 3-50CM

Size:

Length : 30MM

Width : 20MM

Thickness : 13MM

Lead Length : 45CM

Applications:

1. the production line of automatic counting equipment goods
2. multi- reminder
3. Maze Robot
4. Kitchen Automation Systems
5. security alarm systems , etc.