

RS PRO Photoelectric Sensor

RS Stock No.: 2543713

FEATURES

- **18mm threaded cylindrical mounting, easy to install;**
- **Short case for small installation space;**
- **IP67 protection, suitable for harsh environments;**
- **With 360° visible bright LED status indicator;**
- **Background suppression type, stable detection for both white and black targets.**

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Specifications

Detection type	Background suppression
Rated distance	10 cm (non-adjustable)
Light source	Red light (660nm)
Spot size	8*8mm@10cm
Output	NPN NO/NC
Hysteresis	≤5%
Response time	≤0.5ms
Supply voltage	10...30 VDC
Consumption current	≤20mA
Load current	≤100mA
Voltage drop	≤1.8V
Circuit protection	Short-circuit, overload, reverse polarity protection
Connection	M12 4-core connector
Indicator	Green LED: power, stable ; Yellow LED: output , short circuit or overload
Anti-ambient light	Anti-sunlight interference ≤ 10,000lux; Incandescent light interference ≤ 3,000lux
Operating temperature	-25...55 °C
Storage temperature	-35...70 °C
Material	Housing: PC+ABS; Filter: PMMA
Annex	M18 nut (2CS), instruction manual
NO/NC adjustment	White wire is connected to the positive pole or hang up, NO mode; White wire is connected to the negative pole, NC mode
Remarks:	①Detection object is 90% white card with size 20cm * 20cm; ②The green LED becomes weaker, which means that the signal is weaker and the sensor is unstable; The yellow LED flashes, which means that the sensor is shorted or overloaded;

Protection Category

IP Rating IP67

Additional Information

Custom Tariff Number/HS code 903180

Photoelectric Sensors

Approvals

ifications CE

Dimension and Wiring



