

RS PRO Photoelectric Sensor

RS Stock No.: 2044017,2044019, 2044020, 2044021

FEATURES

- 18mm threaded cylindrical mounting, easy to install;
- Short shell for small installation space;
- Big knob design for easy adjustment;
- IP67 protection, suitable for harsh environments;
- With 360° visible bright LED status indicator;
- Suitable for the detection of high light objects and partial transparent objects;
- NO and NC are switchable.



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.



Part Number Description

Part number	Sensing distance	Light source	Output	Connection
2044017	3m (adjustable)	Red light (640nm)	NPN NO/NC	2m PVC cable
2044019	3m (adjustable)	Red light (640nm)	PNP NO/NC	2m PVC cable
2044020	3m (adjustable)	Red light (640nm)	NPN NO/NC	M12 connector
2044021	3m (adjustable)	Red light (640nm)	PNP NO/NC	M12 connector

General Specifications

Detection Type	Polarized retro reflection
Rated distance	3m adjustable
Distance adjustment	Single-turn potentiometer
NO/NC adjustment	NO: Feet 2 is connected to the positive pole; NC: Feet 2 is connected to the negative pole.
Standard target	TD-09 reflector
Spot size	45*45@100cm
Response Time	≤0.5ms
Indicator	Green light: Power, light flashing means unstable signal; Yellow light: Output, light flashing means overload or short circuit
Operating Temperature	-25°C55 °C
Storage temperature	-25°C70 °C
Anti-ambient light	Anti-sunlight interference ≥ 10,000lux; Incandescent light interference ≥ 3,000lux

Electrical Specifications

Operating Supply Voltage	1030 VDC
Current Consumption	≤20mA
Voltage Drop	≤1V
Load Current	≤200mA
Reverse Polarity Protection	YES
Overload Protection	YES
Short Circuit Protection	YES

Mechanical Specifications

Body Style	Barrel
Mounting Type	Screw nut

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Housing Material	PC+ABS
Lens/Face Material	PMMA
Gross Weight	60g (connector type) / 88g (cable type)

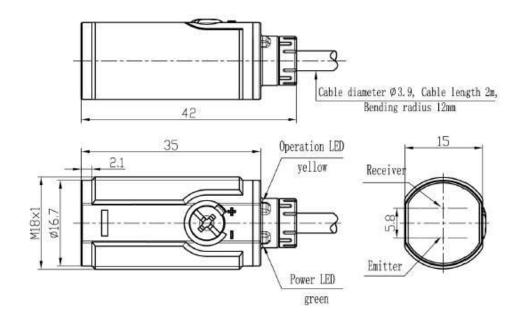
Protection Category		
IP Rating	IP67	

Additional Information	
Custom Tariff Number/HS code	903180
Approvals	

CE

Dimension and Wiring

Compliance/Certifications



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