

Features

- IP67
- Background Suppression
- M8 4-pin Connector
- 10...30 VDC
- 100mA

RS PRO Photoelectric Sensor

RS Stock No.: 0555946



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against

demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- Universal housing, an ideal replacement for a wide range of sensor types
- IP67, suitable for harsh environments
- Large knob design, convenient and fast adjustment distance
- Small detection Blind zone, suitable for the detection of high light objects

General Specifications

Detection Type	Background suppression
Sensing/Detection Range	0.2...5cm
Operating Distance	0.2...5cm
Light Source	Red light (630nm)
Diameter of the Light Spot	φ2mm@5cm
Output Type	NPN NO//NC
Response Time	3.5ms
Connection/Terminal Type	M8 4-pin connector
Indicator	LED
Wiring Technique	4 wire
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	55°C

Electrical Specifications

Operating Supply Voltage	10...30 VDC
--------------------------	-------------

Current Consumption	≤20mA
Voltage Drop	<1V
Load Maximum Current	100mA
Reverse Polarity Protection	YES
Overload Protection	YES
Short Circuit Protection	YES

Mechanical Specifications

Body Style	Block
Mounting Type	Screw
Housing Material	PC+ABS
Lens/Face Material	PMMA
Dimensions	10.6MM*20MM*32.5MM
Width / Diameter	20MM
Length	32.5MM
Depth	10.6MM
Weight	0.05KG

Protection Category

IP Rating	IP67
-----------	------

Approvals

Compliance/Certifications	CE
---------------------------	----

