

Features

- Wide distance setting range: 25 to 500 mm
- Distance setting by means of the built-in 3-turn potentiometer with position indication
- Insensitive to fluorescent tubes + power-saving lamps
- Very small blind zone: < 1 mm
- High switching frequency of 500 Hz
- Plexiglass window
- Built-in additional LED for reception indication
- Connector adjustable at 0°, 45° and 90°

RS PRO Photoelectric Sensor

RS Stock No.: 0360237



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

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General Specifications

Detection Type	Diffuse
Sensing/Detection Range	500 mm
Operating Distance	25... 500 mm
Standard Sensing Object	Object with 90% reflectance (standard white paper)
Light Source	Red LED
Sensing Distance Adjustment	Potentiometer
Output Type	PNP / changeover
Response Time	100 msec
Connection/Terminal Type	4-pin S12
Indicator	LED
Minimum Operating Temperature	-5°C
Maximum Operating Temperature	+55°C

Electrical Specifications

Operating Supply Voltage	10 ... 36 VDC
Current Consumption	≤ 200 mA
Voltage Drop	≤ 2,0 V bei / à / at 200 mA
Maximum Switching Frequency	≤ 500 Hz
Reverse Polarity Protection	YES
Overload Protection	YES
Short Circuit Protection	YES

Mechanical Specifications

Body Style	Block
Mounting Type	Screw
Housing Material	PBTP
Lens/Face Material	plexiglass
Dimensions	50 x 40 x 15 mm
Width / Diameter	15 mm
Length	40 mm
Depth	50 mm
Weight	17 g
Shock Resistance	IEC 60947-5-2
Vibration Resistance	IEC 60947-5-2

Protection Category

IP Rating	IP67
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Approvals

Compliance/Certifications	CE
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