

Features

- Long operating distance of 1,200 mm
- High switching frequency of 1,000 Hz
- Glass window, easy to clean
- Excellent resistance to environmental influences thanks to polyurethane potting of the electronic module
- Sensitivity adjustment by means of built-in 12-turn potentiometer
- High degree of protection: IP 67

RS PRO Photoelectric Sensor

RS Stock No.: 0360268



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	1'200 mm
Operating Distance	0 ... 1'200 mm
Standard Sensing Object	Object with 90% reflectance (standard white paper)
Light Source	LED
Sensing Distance Adjustment	Potentiometer
Output Type	PNP / light-ON+dark-ON
Response Time	100 msec
Connection/Terminal Type	4-pin S8
Indicator	LED
Minimum Operating Temperature	-25°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	≤ 1'000 Hz
Reverse Polarity Protection	YES
Overload Protection	YES
Short Circuit Protection	YES

Mechanical Specifications

Body Style	Block
Mounting Type	Screw
Housing Material	PBTP (Crastin)
Lens/Face Material	glass
Dimensions	30 x 30 x 15 mm
Width / Diameter	15 mm
Length	30 mm
Depth	30 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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