

Features

- UV technology
- Autocollimation optics
- Polarizing filter
- IO-Link
- Sensitivity adjustment via teach button or IO-Link
- Miniature housing

RS PRO Photoelectric Sensor

RS Stock No.: 0360261



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

- UV technology
- Autocollimation optics
- Polarizing filter
- IO-Link
- Sensitivity adjustment via teach button or IO-Link
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General Specifications

Detection Type	TRANSPARENT REFLEX
Sensing/Detection Range	0 ... 1200 mm
Operating Distance	0 ... 1000 mm
Standard Sensing Object	Reference reflector LXU-0000-084
Light Source	LED
Diameter of the Light Spot	8x12 mm ² (0.1 m)/24x36 mm ² (0.5 m)
Sensing Distance Adjustment	40 ... 1200 mm, teach or IO-Link
Output Type	PNP / Output 1: Light-on/IO-Link, Output 2: Dark-on
Response Time	≤ 500 us (normal)/≤ 1 ms (fine) /≤ 200 us (fast)
Connection/Terminal Type	4-pin M8
Indicator	LED
Interface	IO-Link
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	+55°C

Electrical Specifications

Operating Supply Voltage	15 ... 30 VDC
Current Consumption	≤ 100 mA
Voltage Drop	≤ (U _b -2.0 V)/approx. 0 V
Maximum Switching Frequency	≤ 2.5 kHz
Reverse Polarity Protection	YES
Overload Protection	YES
Short Circuit Protection	YES

Mechanical Specifications

Body Style	Rectangular
Mounting Type	Screw
Housing Material	ABS
Lens/Face Material	PMMA
Dimensions	20 x 30 x 10 mm
Width / Diameter	10 mm
Length	30 mm
Depth	20 mm
Weight	5 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 / CULus / ECOLAB
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