Features

- Miniature housing
- IO-Link
- Sensitivity adjustment via IO-Link
- Polarizing filter
- Calibrated range
- Immunity to mutual interferences

RS PRO Photoelectric Sensor

RS Stock No.: 0360238

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

- Miniature housing
- IO-Link
- Sensitivity adjustment via IO-Link
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- Calibrated range
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General Specifications

Detection Type	REFLEX
Sensing/Detection Range	20...8000 mm
Operating Distance	30 … 6000 mm
Standard Sensing Object	Reference reflector LXR-0000-084
Light Source	Red LED
Diameter of the Light Spot	Ø 30 mm (1 m)/Ø 140 mm (6 m)
Sensing Distance Adjustment	2500 … 8000 mm, IO-Link
Output Type	PNP Output 1: Light-on/IO-Link, Output 2: Dark-on
Response Time	⩽ 340 us (normal)/⩽ 1 ms (fine) /⩽ 100 us (fast)
Connection/Terminal Type	4-pin M8
Indicator	LED
Interface	IO-Link
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	+65°C

Photoelectric Sensor

Electrical Specifications

Operating Supply Voltage	10 ... 30 VDC
Current Consumption	⩽ 100 mA
Voltage Drop	⩽ (Ub-2.0 V)/approx. 0 V
Maximum Switching Frequency	⩽ 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	16 g
Shock Resistance	IEC 60947-5-2
Vibration Resistance	IEC 60947-5-2

Protection Category

IP Rating	IP67

Approvals

Compliance/Certifications	CE / CULus / ECOLAB