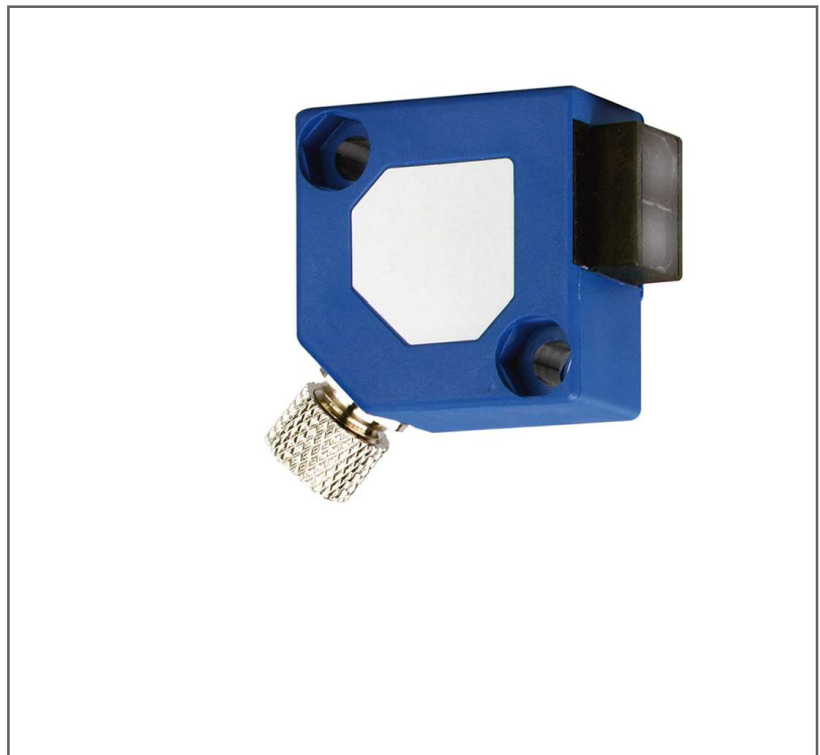**RS PRO**

## Features

- Operating distance of 4,000 mm

- High switching fre-quency of 1,000 Hz

- Polarized light, insensitive to reflective surfaces

- 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.:  0360265



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.

# Photoelectric Sensor

**RS PRO**

- Operating distance of 4,000 mm
- High switching fre-quency of 1,000 Hz
- Polarized light, insensitive to reflective surfaces
- 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

## General Specifications

| | |
|---|---|
| **Detection Type** | Reflex |
| **Sensing/Detection Range** | 4000 mm |
| **Operating Distance** | 0... 4000mm |
| **Standard Sensing Object** | Reference reflector LXR-0000-084 |
| **Light Source** | Red LED |
| **Sensing Distance Adjustment** | Potentiometer |
| **Output Type** | PNP / light-ON+dark-ON |
| **Response Time** | 100 msec |
| **Connection/Terminal Type** | 4-pin S12 |
| **Indicator** | LED |
| **Minimum Operating Temperature** | -25°C |
| **Maximum Operating Temperature** | +55°C |

# Photoelectric Sensor

**RS PRO**

## 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** | 18 g |
| **Shock Resistance** | IEC 60947-5-2 |
| **Vibration Resistance** | IEC 60947-5-2 |

## Protection Category

| | |
|---|---|
| **IP Rating** | IP67 |

## Approvals

| | |
|---|---|
| **Compliance/Certifications** | CE |

**PNP**



**S8**