

Features

- Autocollimation optics
- Polarized light, insensitive to reflective surfaces
- Regulated emitter light power (temperature stability and durability)
- Insensitive to fluorescent tubes + power-saving lamps
- Distance setting by means of the built-in 3-turn potentiometer with position indication
- Supply voltage 10...36 VDC, output current 200 mA
- Indication of output state and excess gain by two-coloured LED
- Connector adjustable at 0°, 45° and 90°

RS PRO Photoelectric Sensor

RS Stock No.: 0360255



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

- Autocollimation optics
- Polarized light, insensitive to reflective surfaces
- Regulated emitter light power (temperature stability and durability)
- Insensitive to fluorescent tubes + power-saving lamps
- Distance setting by means of the built-in 3-turn potentiometer with position indication
- Supply voltage 10...36 VDC, output current 200 mA
- Indication of output state and excess gain by two-coloured LED
- Connector adjustable at 0°, 45° and 90°

General Specifications

Detection Type	Reflex
Sensing/Detection Range	4'000 mm
Operating Distance	0... 4'000 mm
Standard Sensing Object	Reference reflector LXR-0000-084
Light Source	Red LED
Sensing Distance Adjustment	Potentiometer
Output Type	PNP / changeover
Response Time	50 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	≤ 1'500 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	50 mm
Depth	40 mm
Weight	17 g
Shock Resistance	IEC 60947-5-2
Vibration Resistance	IEC 60947-5-2

Protection Category

IP Rating	IP67
-----------	------

Approvals

Compliance/Certifications	CE
---------------------------	----



