1106618

Industrial automation components

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Manufacturer	Sick
Catalog number	1106618
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Reflective Photoelectric Sensor
Detection Range	0 to 4.5 meters m
Housing Dimensions	12.2 mm x 52.2 mm x 23.6 mm
Light Type	Visible Red Light Laser
Wavelength	650 nm
Spot Size	1 mm at 500 mm distance
IO-Link Functionality	Yes

Description

The SICK 1106618 is a reflective photoelectric sensor designed for precise object detection in industrial automation applications. This sensor operates on the principle of autocolimation, ensuring accurate alignment and reliable performance. It features a visible red light laser with a wavelength of 650 nm, providing a focused detection spot size of approximately 1 mm at a distance of 500 mm. The sensor's housing dimensions are 12.2 mm in width, 52.2 mm in height, and 23.6 mm in depth, with a rectangular shape that facilitates easy integration into various setups. It offers a detection range from 0 to 4.5 meters, with optimal performance up to 2 meters. The device is equipped with IO-Link functionality, allowing for straightforward configuration and integration into automated systems. The SICK 1106618 sensor is ideal for applications requiring precise and reliable object detection, such as material handling, packaging, and assembly lines.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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