1041351

Industrial automation components

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Manufacturer	Sick
Catalog number	1041351
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Sensor Type	Contrast Sensor
Light Source	Laser Diode, Red Light
Wavelength	655 nm
Sensing Distance	30 mm to 600 mm
Housing Dimensions	30.4 mm x 53 mm x 80 mm
Ingress Protection Rating	IP67
Teach-In Modes	Static Two-Point, Dynamic (Min/Max)
Automatic Drift Correction	Yes

Description

The SICK KT8L-P3756 (Part No. 1041351) is a high-precision contrast sensor designed for industrial automation applications. It features a visible red laser light source with a wavelength of 655 nm, providing a small and precise light spot size of Ø 3 mm. The sensor offers a wide operating distance range from 30 mm to 600 mm, ensuring reliable detection of small marks and objects. Its compact dimensions of 30.4 mm x 53 mm x 80 mm make it suitable for integration into various industrial setups. The KT8L-P3756 supports both static 2-point teach-in and dynamic teach-in modes, allowing for flexible configuration. Additionally, it includes automatic drift correction to maintain consistent performance over time. This sensor is ideal for applications requiring precise contrast detection in automated systems.

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