AUTOMATION TRADER

M40Z-025000RR0-PSD01-1501

Industrial automation components

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Manufacturer	Sick
Catalog number	m40z-025000rr0-psd01-1501
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Sick
Part Number	M40Z-025000RR0
Category	Safety Light-Beam Sensors
Scanning Range	0.5 m to 7.5 m meters
Number of Beams	2
Beam Separation	500 mm millimeters
Response Time	10 ms milliseconds
Safety Certifications	Type 4 (IEC 61496-1), SIL 3 (IEC 61508), Category 4 (EN ISO 13849)
Operating Temperature Range	–30 °C to +55 °C
Enclosure Rating	IP65

Description

The Sick M40Z-025000RR0 is a safety light-beam sensor from the M4000 Standard A/P series, designed to provide reliable access protection in industrial environments. This system comprises an active unit (M40Z-025000RR0) and a passive unit (PSD01-1501), offering a scanning range from 0.5 m to 7.5 m with two beams separated by 500 mm. The sensor features a response time of 10 ms and utilizes optical synchronization for precise operation. It is equipped with a male M12 connector for system connection. Safety certifications include Type 4 (IEC 61496-1), SIL 3 (IEC 61508), and Category 4 (EN ISO 13849), ensuring high safety standards. The device operates within a temperature range of –30 °C to +55 °C and has an enclosure rating of IP65, making it suitable for various industrial applications

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requiring robust safety measures.

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