1213211

Industrial automation components

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Manufacturer	Sick
Catalog number	1213211
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Safety Light Curtain Receiver
Brand	SICK
Part Number	1213211
Resolution	30 mm
Protective Field Height	1,050 mm
Scanning Range	15 m
Operating Temperature	-30°C to 55°C
Connector Type	M12
Performance Level	PL c (ISO 13849-1)
Safety Integrity Level	SIL 1 (IEC 61508)
Response Time	11 ms
Synchronization	Optical

Description

The SICK 1213211 is a safety light curtain receiver designed for industrial environments, offering a protective field height of 1,050 mm and a scanning range of up to 15 meters. It features a 30 mm resolution, ensuring precise detection capabilities. The device operates within a temperature range of -30°C to 55°C and is equipped with an M12 connector for electrical connections. It complies with Type 2 safety standards (IEC 61496-1) and achieves a Performance Level c (PL c) according to ISO 13849-1, with a Safety Integrity Level 1 (SIL 1) as per IEC 61508. The receiver is synchronized

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optically and has a response time of 11 ms. It is supplied with a test rod matching the resolution, safety instructions, mounting instructions, and downloadable operating instructions.

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