1018670

Industrial automation components

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Manufacturer	Sick
Catalog number	1018670
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Sick
Part Number	C40E-1204CA010
Product Type	Safety Light Curtain Receiver
Resolution	40 mm
Protective Field Height	1,200 mm
Scanning Range	21 m
Safety Integrity Level	SIL 3 (IEC 61508)
Performance Level	PL e (EN ISO 13849)
Connector Type	Hirschmann M26, 12-pin

Description

The Sick C40E-1204CA010 is a safety light curtain designed for industrial environments, offering reliable protection against access to hazardous areas. As part of the C4000 Standard series, this receiver unit features a resolution of 40 mm and a protective field height of 1,200 mm. It provides a scanning range of up to 21 meters, ensuring comprehensive coverage. The system operates with optical synchronization, facilitating seamless integration into existing setups. Compliant with Type 4 safety standards (IEC 61496-1), it achieves a Safety Integrity Level (SIL) of 3 (IEC 61508) and a Performance Level (PL) of e (EN ISO 13849), making it suitable for high-risk applications. The device is equipped with a Hirschmann M26, 12-pin connector for system integration. For detailed specifications and installation guidelines, refer to the official datasheet.

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