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PRODUCT OVERVIEW

i14 Lock

Safety switches

SICK Sensor Intelligence



SAFETY LOCKING DEVICES

i14 Lock

Small electro-mechanical safety locking device with status LED

The i14 Lock safety locking device is used for keeping guards safely locked until a hazardous area can be entered. Its small design, a mechanical unlocking mechanism on three sides, and its LED status indicator make it an ideal solution for guard door locking applications.

i14 Lock AT A GLANCE

BENEFITS

- Cost-effective solution for all standard safety applications
- LED status indicator offers improved diagnostics
- Easy access to wiring for installation and maintenance due to a hinged cover – access to the unlocking mechanism from three sides
- Small housing saves space and can be mounted in tight areas

FEATURES

- Compact plastic housing
- M20 x 1.5 cable entry gland
- Power to release
- Lock monitoring
- LED locking indicator
- Mechanical unlocking mechanism on three sides

TECHNICAL DATA OVERVIEW

Type	Type 2, electro-mechanical (EN ISO 14119)
Actuator coding level	Low coding level (EN ISO 14119)
Type of output	Electro-mechanical contacts
Locking principle	Power to release
Locking monitoring	✓
Door monitoring	–
Locking force F_{Zh}	770 N (EN ISO 14119)
Escape release	–
Connection type	Cable gland, 1 x M20
LED	✓

Select the right product variant and accessories directly online. There you will also find example applications as well as downloads such as CAD dimensional models, operating instructions and software.
www.sick.com/i14_Lock

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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnership with our customers is more than just a promise: Together, we optimize productivity, elevate quality, protect health and safety, and sustain the future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions.

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