



PRODUCT OVERVIEW

i200 Lock

Safety switches

SICK

Sensor Intelligence



SAFETY LOCKING DEVICES

i200 Lock

Electro-mechanical safety locking device with door monitoring and status LED

The i200 Lock safety locking device is used for keeping guards safely locked until a hazardous area can be entered. The locking device features a rugged metal head, various actuators, flexible electrical connectivity and an LED status indicator. This safety locking device is an extremely versatile solution ideal for monitoring doors and locks.

i200 Lock AT A GLANCE

BENEFITS

- High reliability due to rugged metal actuator head, even when the guard has a mechanical offset
- Flexible electrical connectivity due to three cable entry glands
- Improved diagnostics due to additional contacts for door monitoring and LED lock monitoring
- Different switching elements offer the appropriate solution for electrical installation
- Bolt actuator offers personal protection in the hazardous area and prevents an undesirable restart of the machine

FEATURES

- Compact plastic housing
- Stainless steel entry for actuator
- Either rigid, mobile or bolt actuators available
- 3 M20 x 1.5 cable entry glands
- Power to lock or power to release variants
- Lock and door monitoring
- LED locking indicator

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 lock / power to release
Locking monitoring	✓
Door monitoring	✓
Locking force F _{Zh}	2,000 N (EN ISO 14119)
Escape release	-
Connection type	Cable gland, 3 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/i200_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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