



## i200 Lock

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

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Type</b>	Type 2, electro-mechanical (EN ISO 14119)
<b>Actuator coding level</b>	Low coding level (EN ISO 14119)
<b>Type of output</b>	Electro-mechanical contacts
<b>Locking principle</b>	Power to lock / power to release (depending on type)
<b>Locking monitoring</b>	✓
<b>Door monitoring</b>	✓
<b>Locking force <math>F_{Zh}</math></b>	2,000 N (EN ISO 14119)
<b>Connection type</b>	Cable gland, 3 x M20
<b>LED</b>	✓

## Product description

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.

## At a glance

- 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

## Your 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

## Fields of application

- Safe monitoring of rotatable, laterally sliding or removable guards
- Personal protection for overtravel
- Process protection for automated production systems

## Ordering information

Other models and accessories → [www.sick.com/i200\\_Lock](http://www.sick.com/i200_Lock)

- **Locking principle:** power to lock
- **Locking force  $F_{Zh}$ :** 2,000 N
- **Connection type Detail:** cable gland, 3 x M20

Safe series connection	Number of positive action N/C solenoid monitoring contacts	Number of N/O solenoid monitoring contacts	Number of positive action N/C door monitoring contacts	Type	Part no.
None, only individual wiring (with diagnostics)	1	1	2	i200-E0323 Lock	6026140

- **Locking principle:** power to release
- **Locking force  $F_{Zh}$ :** 2,000 N
- **Connection type Detail:** cable gland, 3 x M20
- **Safe series connection:** None, only individual wiring (with diagnostics)
- **Number of positive action N/C door monitoring contacts:** 2

Number of positive action N/C solenoid monitoring contacts	Number of N/O solenoid monitoring contacts	Type	Part no.
1	1	i200-M0323 Lock	6025113
2	0	i200-M0413 Lock	6025115

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)