



i14 Lock

Small electro-mechanical safety locking device with status LED

SICK
Sensor Intelligence.



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	✓
Locking force F_{Zh}	770 N (EN ISO 14119)
Connection type	Cable gland, 1 x M20
LED	✓

Product description

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.

At a glance

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

Your 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

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/i14_Lock

- **Locking principle:** power to release
- **Locking force F_{Zh} :** 770 N
- **Connection type Detail:** cable gland, 1 x M20
- **Safe series connection:** None, only individual wiring (with diagnostics)
- **Positive action N/C door monitoring contacts:** 0

Positive action N/C solenoid monitoring contacts	N/O solenoid monitoring contacts	Type	Part no.
2	1	i14-M0213 Lock	6025060
3	0	i14-M0303 Lock	6025062

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