i14 Lock
Safe and economical door monitoring with high locking force

SAFETY LOCKING DEVICES

SICK
Sensor Intelligence.
i14 Lock
SAFETY LOCKING DEVICES

Technical data overview

<table>
<thead>
<tr>
<th>Type</th>
<th>Type 2, electro-mechanical (EN ISO 14119)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuator coding level</td>
<td>Low coding level (EN ISO 14119)</td>
</tr>
<tr>
<td>Type of output</td>
<td>Electro-mechanical contacts</td>
</tr>
<tr>
<td>Locking principle</td>
<td>Power to release</td>
</tr>
<tr>
<td>Locking monitoring</td>
<td>✔</td>
</tr>
<tr>
<td>Locking force $F_{\text{max}}$</td>
<td>1,000 N (EN ISO 14119)</td>
</tr>
<tr>
<td>Connection type</td>
<td>Cable gland, 1 x M20</td>
</tr>
<tr>
<td>LED</td>
<td>✔</td>
</tr>
</tbody>
</table>

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** $F_{\text{max}}$: 1,000 N
- **Connection type**: cable gland, 1 x M20
- **Safe series connection**: no
- **Number of positive action N/C door monitoring contacts**: 0

<table>
<thead>
<tr>
<th>Number of positive action N/C solenoid monitoring contacts</th>
<th>Number of N/O solenoid monitoring contacts</th>
<th>Type</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>i14-M0213 Lock</td>
<td>6025060</td>
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<tr>
<td>3</td>
<td>0</td>
<td>i14-M0303 Lock</td>
<td>6025062</td>
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</table>
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