



i10H

Electro-mechanical safety switch for door monitoring on the hinge

SICK
Sensor Intelligence.



Technical data overview

Switch type	Safety hinge switches
Number of positive action N/C contacts	1 / 2 (depending on type)
Number of N/O contacts	1
Housing material	Plastic
Enclosure rating	IP67 (IEC 60529)
Switching principle	Slow action switching element
Connection type	Cable gland, 1 x M16
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Product description

Safety hinge switches are used for monitoring rotatable protective devices, e.g., swiveling gate and hinged doors. The hollow or solid shaft of the safety hinge switch forms a fixed and positive connection between the safety switch and the door hinge. These safety switches offer a high level of protection against tampering. The i10H safety hinge switch is enclosed in a compact plastic housing and comes with a solid stainless steel shaft.

At a glance

- Standardized plastic housing
- Stainless steel solid shaft with \varnothing 10 mm
- 1 cable entry M16 x 1.5
- Slow action switching element with up to 3 contacts
- Adjustable switching point
- IP67 enclosure rating

Your benefits

- High level of prevention against tampering, which ensures optimum machine safety
- Easy to mount directly on the door or gate hinge – no restriction to the open area of the guard

Fields of application

- Safe door monitoring directly at the hinge

Ordering information

Other models and accessories → www.sick.com/i10H

- **Number of N/O contacts:** 1
- **Housing material:** plastic

Number of positive action N/C contacts	Length of the shaft	Type	Part no.
1	55 mm	i10-HA113	6025050
2	85 mm	i10-HB213	6025053

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