Product overview



i110H

Safe door monitoring directly at the hinge

SICK
Sensor Intelligence.



Technical data overview

Switch type	Safety hinge switches
Positive action N/C contacts	2
N/O contacts	1
Housing material	Metal
Enclosure rating	IP66
Switching principle	Slow action switching element
Connection type	Cable gland, 1 x M20

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 i110H safety hinge switch features a die-cast zinc housing and a hollow stainless steel shaft that make it ideal for tough industrial applications.

At a glance

- Rugged, metal housing
- Stainless steel hollow shaft with Ø 9.5 mm
- 1 M20 x 1.5 cable entry gland
- Slow-action switching element with three contacts
- Adjustable switching point

Your benefits

- Highl 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 monitoring of rotatable guards, such as swivel doors and gates

Ordering information

Other models and accessories ➜ www.sick.com/i110H

Positive action N/C contacts	N/O contacts	Housing material	Length of the shaft	Type	Part no.
2	1	Metal	36.5 mm	i110-HA213	6025072

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