



## i10R

Compact electro-mechanical safety position switch with turning lever

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Switch type</b>	Safety position switches
<b>Number of positive action N/C contacts</b>	2
<b>Number of N/O contacts</b>	1
<b>Housing material</b>	Plastic
<b>Enclosure rating</b>	IP66 (IEC 60529)
<b>Switching principle</b>	Slow action switching element
<b>Connection type</b>	Cable gland, 1 x M20
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## Product description

Safety position switches are used for reliably identifying dangerous movements, even at high speeds. The i10R safety position switch has a small, standardized plastic housing and a turning lever with a plastic roller. This turning lever makes it easier to achieve a tighter tolerance and a higher speed when determining position.

## At a glance

- Standardized plastic housing
- Turning lever with plastic roller
- 1 M20 x 1.5 cable entry gland
- Slow-action switching element with three contacts

## Your benefits

- Standard device design provides quick and easy mounting
- Cost-effective solution for all standard safety applications

## Fields of application

- Position determination of dangerous movements
- Safe monitoring of rotatable guards, such as swivel doors and gates
- Safe monitoring of laterally sliding guards, such as sliding doors and fences

## Ordering information

Other models and accessories → [www.sick.com/i10R](http://www.sick.com/i10R)

Actuating element type	Number of positive action N/C contacts	Number of N/O contacts	Housing material	Type	Part no.
Turning lever	2	1	Plastic	i10-RA213	6025085

## 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)