Product family overview

# i10P

## Compact electro-mechanical safety position switch with roller plunger

SICK
Sensor Intelligence.

## Technical data overview

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

## Product description

Safety position switches are used for reliably identifying dangerous movements, even at high speeds. The i10P safety position switch features a small housing that can be mounted in applications with limited space. This cost-effective solution includes a roller plunger made from plastic and an IP 66 enclosure rating.

## At a glance

- Standardized plastic housing
- Roller plunger with plastic roller
- 1 M20 x 1.5 cable entry gland
- Slow-action switching elements 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 flaps
- Safe monitoring of laterally sliding guards, such as sliding doors and fences

## Ordering information

Other models and accessories → www.sick.com/i10P

| Actuating element type | Number of positive action N/C contacts | Number of N/O contacts | Housing material | Type | Part no. |
|---|---|---|---|---|---|
| Roller plunger | 2 | 1 | Plastic | i10-PA213 | 6025088 |

# SICK AT A GLANCE

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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



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