



## deTec

CHANGE NOW – MECHANICALLY AND ELECTRICALLY COMPATIBLE

Safety light curtains

**SICK**  
Sensor Intelligence.

Change to the deTec safety light curtain and take advantage of innovative safety functions for the protection of hazardous areas, entrances, and hazardous points. Use intelligent and modern technologies like the NFC<sup>1</sup> and IO-Link<sup>2</sup> and enjoy the benefits of extensive diagnostic functions and simple connection-compatible installation.



## YOUR BENEFITS WHEN CHANGING TO THE deTec SAFETY LIGHT CURTAIN



### Easy device replacement

Simple device replacement without drilling and without rewiring.

→ Mechanical and electrical compatibility without additional effort



### Future-proof investment

High data transparency and availability, oriented to the requirements of Industry 4.0.

→ NFC<sup>1</sup> and IO-Link<sup>2</sup> technologies support fast configuration and optimize maintenance

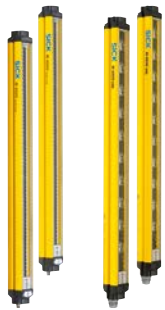
<sup>1</sup> NFC: near-field communication

<sup>2</sup> IO-Link: For connecting intelligent sensors and actuators to an automation system in accordance with standard IEC 61131-9.

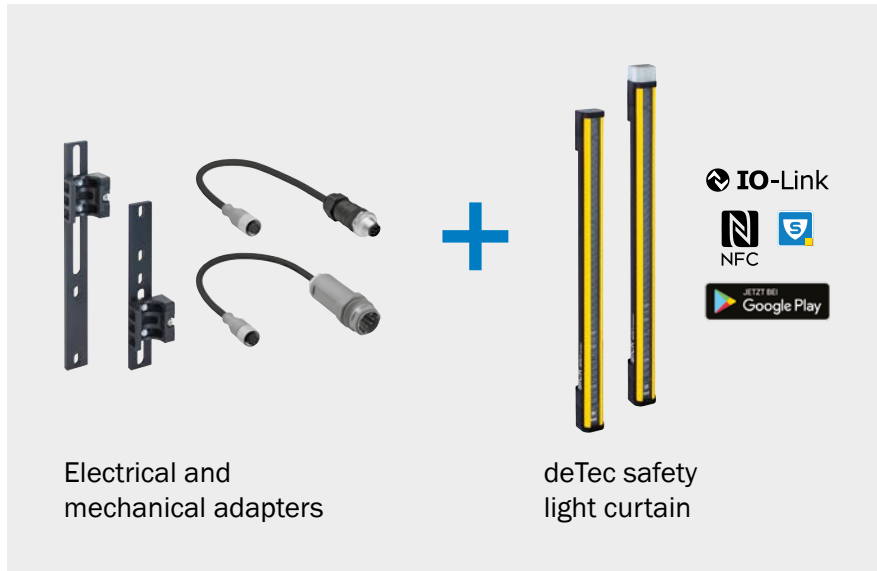
## SIMPLY MAKE A CHANGE



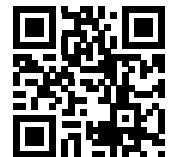
C4000 Standard  
C4000 Select



M4000 Standard Curtain  
M4000 Area 60



Our intuitive deTec configurator can quickly guide you to the right successor product.



### Time and cost savings

Quick commissioning and configuration without software.

→ Low configuration effort for high availability



### Increased productivity

Affordable and efficient system design, short downtime.

→ More functionality for higher safety and intelligent automation

# YOUR ADVANTAGES IN A NUTSHELL

## Benefits of exchanging devices

- Device exchange without drilling
- Pin-compatible electrical connection
- On-site diagnostics with a smartphone
- Special variants for areas with coolants, lubricants and cleaning agents as well as high-pressure cleaning and risk of explosion

## Improved productivity

- Short downtime
- Smart presence detection
- Dynamic protective field widths
- Read-out of diagnostic data regardless of the location
- Unites safety and automation in one device

Specifications	deTec
Type	Type 4 (IEC 61496-1)
Protective field height (mm)	300 ... 2,100
Resolution (mm)	14 / 30
Scanning range	0.15 ... 20 m (14 mm) 0 ... 30 m (30 mm)
Ambient temperature	-30 °C ... +55 °C
Enclosure rating	IP65 and IP67
Beam coding	Uncoded, code 1, code 2
System connection	Male connector, M12, 5-pin or M12, 8-pin

Learn more about the deTec product family at [sick.com/deTec](https://sick.com/deTec)



Are you using a safety light curtain from the C4000 or M4000 product families and are looking for the right successor product? Then visit us at:

→ [www.sick.com](https://www.sick.com)

Or contact us.

We would be happy to help you find the right product.