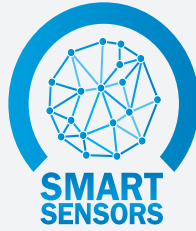


Smart safety sensors

SAFETY AND AUTOMATION FOR INCREASED PRODUCTIVITY

Opto-electronic protective devices

SICK
Sensor Intelligence.



In addition to the highest levels of safety,
smart safety sensors also offer:



Enhanced Sensing

- Signal strength output per beam
- Measurability of the interruption positions in the protective field
- Switch-off analysis through countable protective field interruptions with time stamp

+ Benefit from high process transparency for easy commissioning and targeted system optimization



Diagnostics

- Fault history – easy identification of sensor malfunctions
- Process data – feedback of sensor functions (e.g. weak signal)
- Service data – part and serial numbers for easy replacement

+ Minimize your downtime with fast root cause analysis



Efficient communication

- Serial point-to-point communication via IO-Link
- Remote device identification
- Device-specific data for trouble-free system management

+ Simple device identification optimizes your system management



Smart Tasks

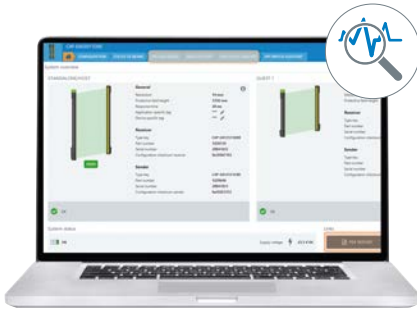
- Height and width measurement of objects
- Monitoring of supply voltage
- Counting of objects passing through the safety light curtain

+ Increase your productivity while maintaining the highest level of safety



You can find more information on smart safety sensors on the product websites

www.sick.com/deTec | www.sick.com/deTem | www.sick.com/L25 | www.sick.com/L26



How is downtime minimized?

Use the SOPAS engineering tool → sick.com/367244:

- Data recorder
- Error history
- Switch-off analysis
- PDF report

IO-Link device data

- Standardized information to PLC
- For more information on the IO-Link: → sick.com/io-link



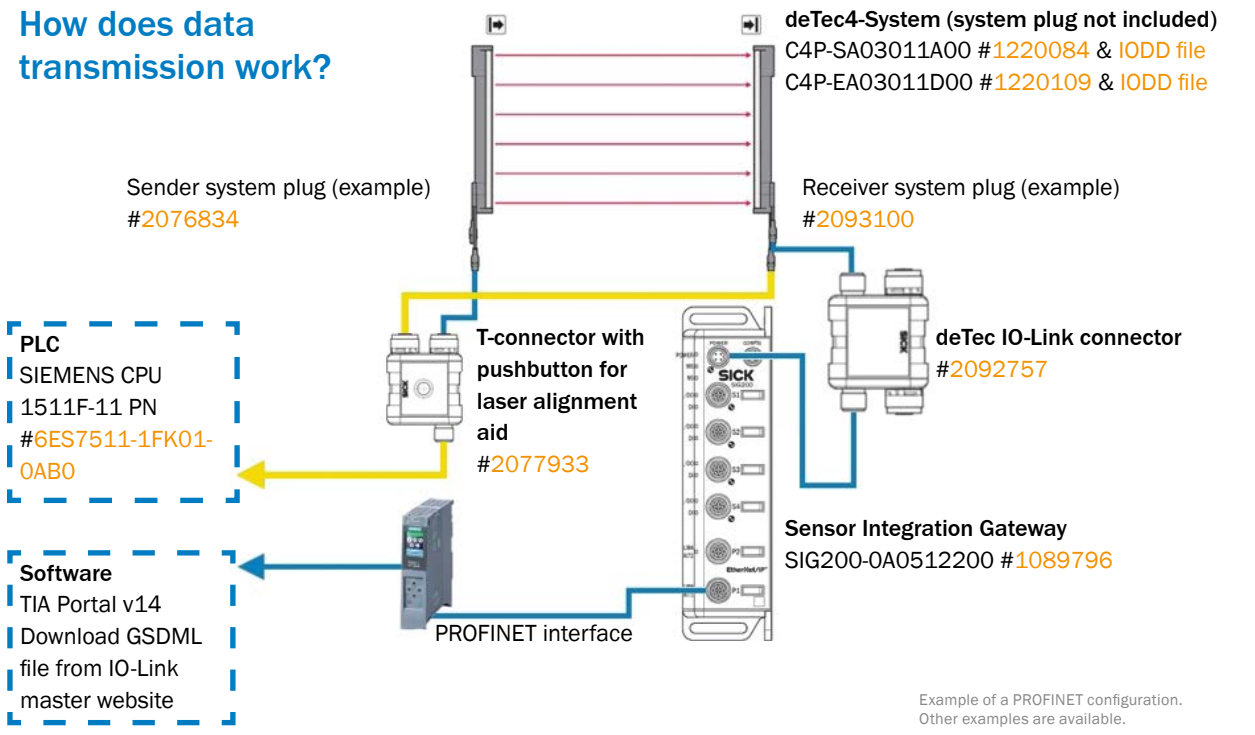
How will automation capabilities be expanded?

Height measurement function block available for:

- Beckhoff TwinCAT V2 → sick.com/p601145
- Beckhoff TwinCAT V3 → sick.com/p601244
- Rockwell RSLogix 5000 → sick.com/p601144
- Siemens S7-1200/1500 (TIA) → sick.com/p601051
- Siemens STEP7 Classic → sick.com/p601044



How does data transmission work?



SICK AT A GLANCE

SICK is a leading manufacturer of intelligent sensors and sensor solutions for industrial applications. With more than 10,400 employees and over 50 subsidiaries and equity investments as well as numerous agencies worldwide, SICK is always close to its customers. 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.

SICK has extensive experience in various industries and understands their processes and requirements. With intelligent sensors, SICK delivers exactly what the 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 SICK a reliable supplier and development partner.

Comprehensive services round out the offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

That is “Sensor Intelligence.”

Worldwide presence:

Australia, Austria, Belgium, Brazil, Canada, Chile, China, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Hong Kong, India, Israel, Italy, Japan, Malaysia, Mexico, Netherlands, New Zealand, Norway, Poland, Romania, Russia, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Arab Emirates, USA, Vietnam.

Detailed addresses and further locations → www.sick.com