

The C 4000 has arrived! The new FGS with even more possibilities.

C 4000, the new generation of FGS Safety Light Curtains: increased performance with many new functions.

Achieve complete safety economically.

Protect personnel from danger and reduce accidents on machinery and plant, optimise and improve the cost-effectiveness of work processes: C 4000 provides the solution.

The C 4000, used in a vertical or horizontal position, can be employed wherever hazardous points-of-operation and danger areas require safeguarding.



Safety that can be integrated anywhere, rapidly.

Easy integration and fast communication reduce costs.

The system for all safety requirements.

Regardless of the hazardous point-of-operation or danger area involved, the C 4000 Safety Light Curtain provides a cost-effective and individual solution anywhere.

Small dimensions, great opportunities.

This optically and electronically optimised system takes up little space. It offers small profile cross-sections with protective field heights of between 300 and 1800 mm. The system is self-monitoring and complies to EN 61496 Parts 1 + 2 (Type 4 ESPE).

Reduced MTTR periods.

The C 4000 significantly reduces your MTTR periods from standstill to restart.

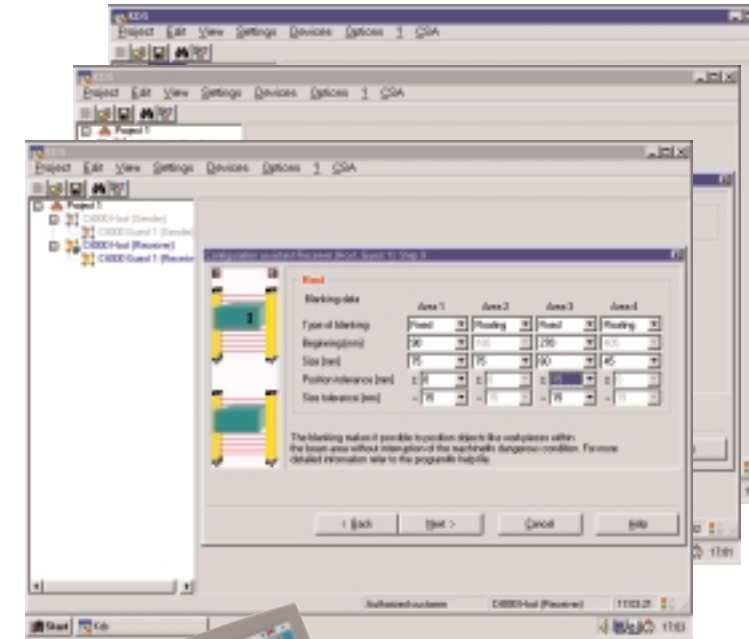
7-segment display.

With reliable information on all the device's operating states.

Plan your safe future with the C 4000.

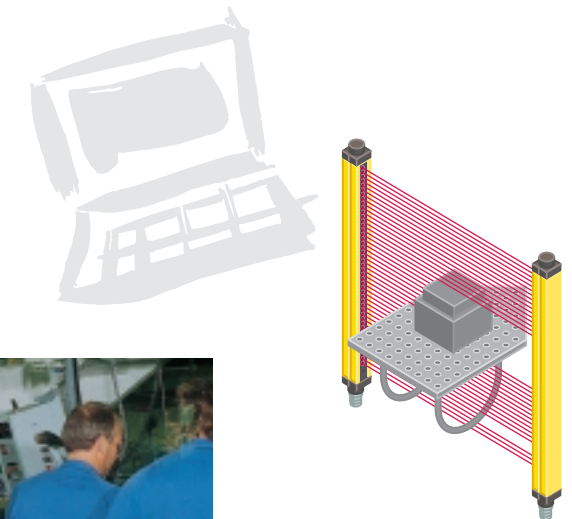
Decentralised safety management.

Integrated functions such as EDM or blanking of defined field sections support your decentralised safety management system and keep cabling costs to a minimum.



Coded version.

The modulated light source prevents mutual interference between devices mounted in rows.



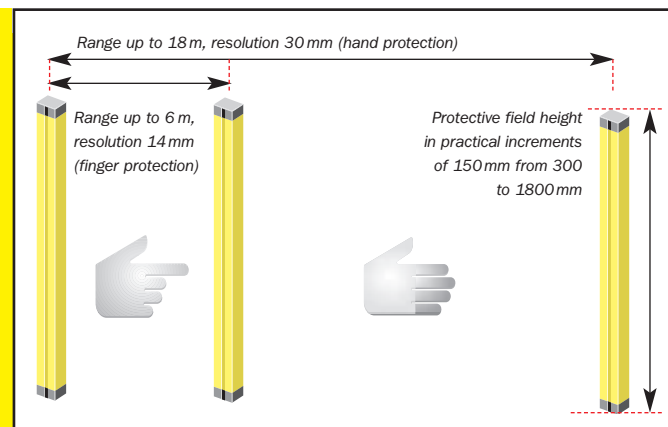
Blanking out a defined field section to allow for material supply.

Blanking.

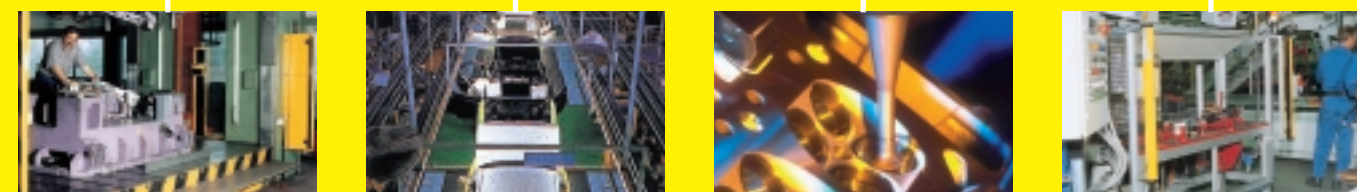
Up to four fixed and floating fields can be blanked simultaneously (e.g. for material transport).

THE C 4000 IN OVERVIEW

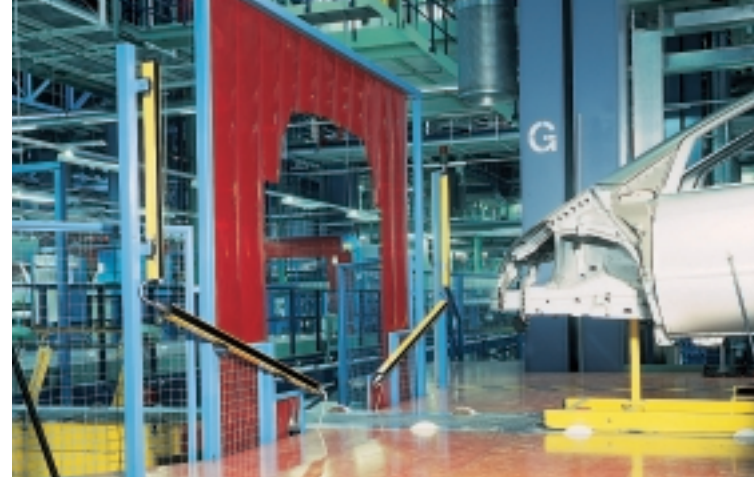
- Type 4 acc. to EN 61496 (self-monitoring)
- 14/20/30/40 mm resolution
- 7 ms response time (dependent on no. of beams)
- Beam coding (2 addresses programmable)
- Alignment aid and diagnosis using 7-segment display
- RS-232 interface
- Cascadable-up to 3 systems
 - cable length between sensors max. 4 m
 - parameters individually set for each sensor
- Housing dimensions: 38.5 x 47.0 mm



Easily adaptable to your application via PC or laptop: the comprehensive user interface makes the setting of parameters child's play.



C 4000 not the end,
but the beginning of
your safety.



C 4000. An overview of the advantages:

- **Simple system integration** via standardised interfaces
- **Easy communication** with control systems
- **Diagnosis** through online assessment of device status
- **Cost-effective through reduced MTTR** i.e. substantially reduced machine standstill times
- **Decentralised safety management** through integrated EDM, blanking and reset

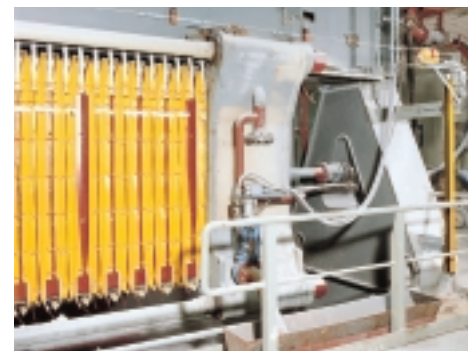
A global player in sensor technology.

Our subsidiaries and agencies provide us with a worldwide presence that allows us to be better placed to handle customers' requirements. SICK's consulting engineers work closely with customers and users on site to come up with solutions that are both economical and effective. The company, with production sites in Germany, Italy, Hungary, the USA, and Japan, has more

than 50 years' sensor experience. SICK is one of the world's leading sensor manufacturers with 2000 employees in more than 20 countries. SICK is involved in major projects in almost all sectors of industry – not only as a supplier of components, but also as an experienced systems partner.

More information for
downloading at:
www.C4000.com

- **Technical Description**
- **Connection diagrams**
- **Examples of applications**



F a x R e p l y

Interested? Copy, Fill In and Fax Back.

Company

Name

Position/
Department

Address

Post code/
Town

Phone/Fax

Industry/Field
of application

Yes, I would like to know more about the new C 4000 Safety Light Curtain.

I am interested in a detailed consultation with one of your project advisors. Please arrange an appointment with me.

More information and Technical Description from: www.C4000.com

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Branch offices and representatives in all major industrial countries.



NEW
C 4000

PRODUCT INFORMATION

Optimising procedures,
safeguarding hazardous
points-of-operation.
The C 4000 Safety Light Curtain.

SICK

SICK AG · Safety Systems · Sebastian-Kneipp-Straße 1 · D-79183 Waldkirch

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