C4000 Basic Plus
Quick and convenient, easy-to-service and user friendly

SICK
Sensor Intelligence.

C4000 Basic Plus

Technical data overview

Safety level	PL e, SIL 3, Type 4
Resolution	14 mm / 30 mm (depending on type)
Scanning range	2.5 m ... 6 m (depending on type)
Protective field height	300 mm ... 1,800 mm (depending on type)
Enclosure rating	IP65
Ambient operating temperature	0 °C ... +55 °C

Product description

The C4000 Basic Plus safety light curtain is a reliable and cost-effective solution for protecting hazardous points and hazardous areas. Integrated functions such as the restart interlock (RES) and external device monitoring (EDM) simplify machine integration. Various mounting adapters and innovative accessories enable flexible mounting. The industry-tested 7-segment display saves time during alignment and diagnostics. The C4000 Basic Plus, which supports protective field heights from 300 to 1,800 mm, offers reliable machine access protection up to the highest protection level, PL e.

At a glance

- Type 4 (IEC 61496), PL e (EN ISO 13849)
- 7-segment display
- Impact- and scratch-resistant front screen
- External device monitoring (EDM) and restart interlock (RES)
- Extremely high electromagnetic immunity
- Standard M12 connectivity
- Extensive range of mounting accessories

Your benefits

- Time-saving alignment and diagnostics by means of 7-segment display
- Economical: Pre-fitted M12x8 cables
- Maximum availability thanks to the interference-free and robust light curtain - even under harsh industrial conditions
- A multitude of intelligent mounting adapters enable flexible mounting

Fields of application

- Automotive engineering and vehicle construction
- Machine tools
- Electronics industry
- Packaging machinery
- Food and beverage industry
- Material handling equipment
- Special machine construction
- Environment engineering

Ordering information

Other models and accessories ➜ www.sick.com/C4000_Basic_Plus

- **System connection:** male connector M12, 8-pin
- **Scanning range:** 2.5 m

Resolution	Protective field height	Sender		Receiver	
		Type	Part no.	Type	Part no.
14 mm	300 mm	C40S-0301AA300	1027922	C40E-0301AG300	1027944
	450 mm	C40S-0401AA300	1027923	C40E-0401AG300	1027945
	600 mm	C40S-0601AA300	1027924	C40E-0601AG300	1027946
	750 mm	C40S-0701AA300	1027925	C40E-0701AG300	1027947
	900 mm	C40S-0901AA300	1027926	C40E-0901AG300	1027948
	1,050 mm	C40S-1001AA300	1027927	C40E-1001AG300	1027949
	1,200 mm	C40S-1201AA300	1027928	C40E-1201AG300	1027950
	1,350 mm	C40S-1301AA300	1027929	C40E-1301AG300	1027951
	1,500 mm	C40S-1501AA300	1027930	C40E-1501AG300	1027952
	1,650 mm	C40S-1601AA300	1027931	C40E-1601AG300	1027953
	1,800 mm	C40S-1801AA300	1027932	C40E-1801AG300	1027954

- **System connection:** male connector M12, 8-pin
- **Scanning range:** 5 m

Resolution	Protective field height	Sender		Receiver	
		Type	Part no.	Type	Part no.
14 mm	300 mm	C40S-0301AA300	1027922	C40E-0301BG300	1027966
	450 mm	C40S-0401AA300	1027923	C40E-0401BG300	1027967
	600 mm	C40S-0601AA300	1027924	C40E-0601BG300	1027968
	750 mm	C40S-0701AA300	1027925	C40E-0701BG300	1027969
	900 mm	C40S-0901AA300	1027926	C40E-0901BG300	1027970
	1,050 mm	C40S-1001AA300	1027927	C40E-1001BG300	1027971
	1,200 mm	C40S-1201AA300	1027928	C40E-1201BG300	1027972
	1,350 mm	C40S-1301AA300	1027929	C40E-1301BG300	1027973
	1,500 mm	C40S-1501AA300	1027930	C40E-1501BG300	1027974
	1,650 mm	C40S-1601AA300	1027931	C40E-1601BG300	1027975
	1,800 mm	C40S-1801AA300	1027932	C40E-1801BG300	1027976

C4000 Basic Plus

- **System connection:** male connector M12, 8-pin
- **Scanning range:** 6 m

Resolution	Protective field height	Sender		Receiver	
		Type	Part no.	Type	Part no.
30 mm	300 mm	C40S-0303AA300	1027933	C40E-0303AG300	1027955
	450 mm	C40S-0403AA300	1027934	C40E-0403AG300	1027956
	600 mm	C40S-0603AA300	1027935	C40E-0603AG300	1027957
	750 mm	C40S-0703AA300	1027936	C40E-0703AG300	1027958
	900 mm	C40S-0903AA300	1027937	C40E-0903AG300	1027959
	1,050 mm	C40S-1003AA300	1027938	C40E-1003AG300	1027960
	1,200 mm	C40S-1203AA300	1027939	C40E-1203AG300	1027961
	1,350 mm	C40S-1303AA300	1027940	C40E-1303AG300	1027962
	1,500 mm	C40S-1503AA300	1027941	C40E-1503AG300	1027963
	1,650 mm	C40S-1603AA300	1027942	C40E-1603AG300	1027964
	1,800 mm	C40S-1803AA300	1027943	C40E-1803AG300	1027965

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**

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