



C4000 Micro

Small and compact, cost-effective and convenient

SICK
Sensor Intelligence.



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	150 mm ... 1,200 mm (depending on type)
Enclosure rating	IP65
Ambient operating temperature	-30 °C ... +55 °C



Product description

The C4000 Micro safety light curtain cost-effectively and reliably protects against access into hazardous points and areas. Its compact design and integrated functions, such as restart interlock (RES) and external device monitoring (EDM), provide easy machine integration – even when space is limited. Various mounting adapters and innovative accessories enable flexible installation. The industry-tested 7-segment display saves time during alignment and diagnostics. The C4000 Micro, which provides protective field heights from 150 mm to 1,200 mm, offers reliable machine protection up to the highest protection level, PL e.

At a glance

- Type 4 (IEC 61496), SIL3 (EN 62061), PL e (EN ISO 13849)
- Small, compact design
- 7-segment display
- External device monitoring (EDM) and restart interlock
- Ambient operating temperature range from -30 °C to +55 °C
- Standardized M12 connectivity

Your benefits

- Small and compact housing enables the light curtain to be integrated even where space is at a premium
- Time-saving alignment and diagnostics by means of 7-segment display
- Economical: Pre-fitted M12x8 cables
- A variety of intelligent mounting adapters enable flexible mounting

Fields of application

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

Ordering information

Other models and accessories → www.sick.com/C4000_Micro

- **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	150 mm	C41S-0101AA300	1024054	C41E-0101AG300	1024055
	300 mm	C41S-0301AA300	1023458	C41E-0301AG300	1023459
	450 mm	C41S-0401AA300	1023460	C41E-0401AG300	1023461
	600 mm	C41S-0601AA300	1023462	C41E-0601AG300	1023463
	750 mm	C41S-0701AA300	1023464	C41E-0701AG300	1023465
	900 mm	C41S-0901AA300	1023466	C41E-0901AG300	1023467
	1,050 mm	C41S-1001AA300	1023468	C41E-1001AG300	1023469
	1,200 mm	C41S-1201AA300	1023470	C41E-1201AG300	1023471

- **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	150 mm	C41S-0101AA300	1024054	C41E-0101BG300	1024037
	300 mm	C41S-0301AA300	1023458	C41E-0301BG300	1023486
	450 mm	C41S-0401AA300	1023460	C41E-0401BG300	1023487
	600 mm	C41S-0601AA300	1023462	C41E-0601BG300	1023488
	750 mm	C41S-0701AA300	1023464	C41E-0701BG300	1023489
	900 mm	C41S-0901AA300	1023466	C41E-0901BG300	1023490
	1,050 mm	C41S-1001AA300	1023468	C41E-1001BG300	1023491
	1,200 mm	C41S-1201AA300	1023470	C41E-1201BG300	1023492

- **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	150 mm	C41S-0103AA300	1023563	C41E-0103AG300	1023860
	300 mm	C41S-0303AA300	1023472	C41E-0303AG300	1023473
	450 mm	C41S-0403AA300	1023474	C41E-0403AG300	1023475
	600 mm	C41S-0603AA300	1023476	C41E-0603AG300	1023477
	750 mm	C41S-0703AA300	1023478	C41E-0703AG300	1023479
	900 mm	C41S-0903AA300	1023480	C41E-0903AG300	1023481
	1,050 mm	C41S-1003AA300	1023482	C41E-1003AG300	1023483
	1,200 mm	C41S-1203AA300	1023484	C41E-1203AG300	1023485

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