



## C4000 Palletizer ATEX II 3G/3D

Ready for explosive atmospheres

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Safety level</b>	PL e, SIL 3, Type 4
<b>Resolution</b>	40 mm
<b>Scanning range</b>	7 m
<b>Protective field height</b>	1,350 mm
<b>Enclosure rating</b>	IP65
<b>Ambient operating temperature</b>	0 °C ... +55 °C

## Product description

Featuring a rugged and reliable housing design, the C4000 Palletizer ATEX II 3G/3D safety light curtain is specially designed and approved for use under the strict safety requirements found in explosion-hazardous areas. The added safety and productivity it offers in explosive atmospheres make it a popular choice time and again.

## At a glance

- ATEX II 3G / 3D classification thanks to modified C4000 housing
- Muting alternative
- Self-teaching, dynamic blanking for detection of goods
- Direction detection
- Reduced resolution: 1 or 2 beams
- Multiple sampling of objects possible
- Beam coding
- Object gap suppression

## Your benefits

- Maximum safety and automation in explosive atmospheres thanks to compliance with stringent regulations and strict safety requirements
- Increase access protection productivity with only one sensor pair as a muting alternative
- High availability thanks to safe human-material differentiation
- Save time and money by eliminating additional muting sensors and monitoring several conveyor belts with only one system

## Fields of application

- Vehicle production (paint shops)
- Woodworking machines
- Power plants (coal, gas, or fuel)
- Food industry (meal filling facilities, animal feed production)
- Waste incineration and sewage treatment plants
- Distilleries
- Agricultural sector

## Ordering information

Other models and accessories → [www.sick.com/C4000\\_Palletizer\\_ATEX\\_II\\_3G\\_3D](http://www.sick.com/C4000_Palletizer_ATEX_II_3G_3D)

- **System connection:** Hirschmann male connector M26, 12-pin

Resolution	Scanning range	Protective field height	Sender		Receiver	
			Type	Part no.	Type	Part no.
40 mm	7 m	1,350 mm	C40S-S149	1099660	C40E-S149	1099659

## 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](http://www.sick.com)