C4000 Palletizer in IP69K Housing

High performance safety under wash-down and cleaning requirements

SICK
Sensor Intelligence.

C4000 Palletizer in IP69K Housing

Technical data overview

Safety level	PL e, SIL 3, Type 4
Resolution	30 mm
Scanning range	4.5 m
Protective field height	1,050 mm
Enclosure rating	IP69K, IP67, IP66, IP65
Ambient operating temperature	0 °C ... +55 °C

Product description

The C4000 Palletizer in IP69K Housing safety light curtain is an innovative muting alternative for access protection in automated material transport systems. Due to its flexible pattern detection system, this protective device is immune to false trips from defective pallets, hanging straps, or shrink wrap remnants. As a result, the C4000 Palletizer is able to provide reliable protection in dangerous areas. And, since additional muting sensors, indicator lamps, physical guards, and interlocks are not required, the risk of malfunctions is minimized and the availability of the overall system is optimized. Quick and easy installation saves money and makes the C4000 Palletizer an ideal solution for many applications.

At a glance

- Type 4 (IEC 61496), SIL3 (EN 62061), PL e (EN ISO 13849)
- IP 69K, IP 67, IP 66, and IP 65 enclosure ratings incl. connecting cable
- Resistant to water pressure up to 100 bar and temperatures up to 80 °C
- ECOLAB and JohnsonDiversey certified
- Resistant stainless-steel materials
- Ventilation valve prevents fogging of the front screen
- Smooth surfaces prevent accumulation of bacteria

Your benefits

- The longer service life saves costs. IP 69K-tested product – from the housing materials right up to the connection cable
- As an alternative to hard guards, personnel can quickly access protected areas for service, keeping productivity high
- Saves time in the cleaning and is resistant to high pressure cleaners
- Reliable safeguarding, even when temperatures fluctuate
- Standard M12 8pin connection for easy machine integration

Ordering information

Other models and accessories ➜ www.sick.com/C4000_Palletizer_in_IP69K_Housing

- **System connection:** cable 15 m, PVC

Resolution	Scanning range	Protective field height	Sender		Receiver	
			Type	**Part no.**	**Type**	**Part no.**
30 mm	4.5 m	1,050 mm	C45S-S025	1053825	C45E-S025	1053826

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**

SICK AG | Waldkirch | Germany | www.sick.com