



SAPPC2D-08XS004

Safe Robotics Area Protection

SAFETY SYSTEMS FOR ROBOTS

SICK
Sensor Intelligence.



Ordering information

sBot Speed CIP

Variant	Robot type	Product type	Type	Part no.
sBot Speed CIP - KU	KUKA: KR C4	Software	SAPPC2D-08XS004	1614144

With purchase, you accept the product description available under Downloads > Documentation in connection with the General Terms and Conditions for the Supply of Software Products (AVB Software SICK).

Required hardware: part number 1105347

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

Detailed technical data

Features

Variant	sBot Speed CIP
Product type	Software
Robot controller	KUKA: KR C4
Stopping process of the robot	With speed reduction
Robot restart	Automatic
Interfaces	
Communication interface	EtherNet/IP™ CIP Safety™
Safe state in the event of a fault	The safety outputs via the network are logic 0.
Safety task	Hazardous area protection
Safety controller included	
Safety controller type	Programmable
Performance level	PL d (ISO 13849-1)
Items supplied	Software (Safety Designer project file with functional logic, pre-configuration file for microScan3 Core EFI-pro, CIP-Safety communication setting and KUKA-specific settings) as well as operating instructions, connection diagram and SISTEMA file

Functions

Emergency stop	
Shut down in the event of an emergency situation	✓
Prevent unexpected restarting after an emergency stop	✓
Initiate a safety stop	
Automated reset and restart with safe sequence monitoring	✓
Optional manual reset	✓
Safety-rated monitored speed	
Trigger safety-rated monitored speed	✓
Operating mode	
Operating mode selection (implemented in robot control)	✓

Enabling device - manual operating mode (implemented in robot control)	✓
--	---

Classifications

ECLASS 5.0	27279090
ECLASS 5.1.4	27279090
ECLASS 6.0	27279090
ECLASS 6.2	27279090
ECLASS 7.0	27279090
ECLASS 8.0	27279090
ECLASS 8.1	27279090
ECLASS 9.0	27279090
ECLASS 10.0	27279090
ECLASS 11.0	27279090
ECLASS 12.0	27279090
ETIM 5.0	EC001449
ETIM 6.0	EC001449
ETIM 7.0	EC001449
ETIM 8.0	EC001449
UNSPSC 16.0901	32151705

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