



# Maintenance of LiDAR sensors

Maintenance

MAINTENANCE AND INSPECTION

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
Maintenance of LiDAR sensors	1682593

Other models and accessories → [www.sick.com/Maintenance](http://www.sick.com/Maintenance)

### Detailed technical data

#### Features

<b>Product version</b>	Fixed-price maintenance Autonomous Perception
<b>Product area</b>	2D LiDAR sensors 3D LiDAR sensors
<b>Prerequisites</b>	SICK product and programming interface are easily accessible without tools Provision of test objects Compliance with specifications for the SICK product Uncalibrated system Availability of the plant for the duration of the service
<b>Range of services, brief</b>	Inspection, analysis and restoring of defined functions Inspection and adaptation of basic settings, parameters of field application, filters for raw data output, and product-specific configuration
<b>Range of services</b>	Preliminary analysis of potential fault situation Visual inspection of mounting, alignment, switching signals on sensor output, wiring, and cabling of the SICK product Visual inspection of ambient conditions Visual inspection of SICK product to check for damage Inspection of monitored area Read-out of the error memory Function and communication test Inspection and adaptation of application-specific parameters, e.g., basic settings, parameters of field application, filters for raw data output, or product-specific configuration Removal of contamination which could affect the optical light path of the SICK product Inspection of static or dynamic performance For NAV sensors: visual inspection of the landmarks (reflectors) Possible optimizations by means of minor adjustments to the mechanical alignment and configuration Basic training for employees to explain how to operate the SICK product correctly Archiving of product parameters in a SICK database
<b>Documentation</b>	Documentation of operating hours and archiving of parameters in a SICK database Maintenance report
<b>Duration</b>	Additional work will be invoiced separately
<b>Note</b>	Interventions in the software and controller of the overall system or the plant are not included Maintenance only takes place on uncalibrated systems No functional changes or modifications are made Spare parts, consumable parts, and wear and tear parts are not included in the range of services
<b>Machine life cycle</b>	Operation

#### Classifications

<b>ECLASS 5.0</b>	25169090
<b>ECLASS 6.0</b>	25169090
<b>ECLASS 6.2</b>	25169090
<b>ECLASS 7.0</b>	15110602

<b>ECLASS 8.0</b>	15110602
<b>ECLASS 8.1</b>	15110602
<b>ECLASS 9.0</b>	15110602
<b>ECLASS 10.0</b>	15110602
<b>ECLASS 11.0</b>	15110602
<b>ECLASS 12.0</b>	15110602
<b>ETIM 5.0</b>	--
<b>ETIM 6.0</b>	EC003015
<b>ETIM 7.0</b>	EC003015
<b>ETIM 8.0</b>	EC003015

## 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)