



Commissioning LiDAR sensors

Installation and commissioning

ENGINEERING AND INTEGRATION

SICK
Sensor Intelligence.



Ordering information

Type	part no.
Commissioning LiDAR sensors	1680672

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

Detailed technical data

Features

Product version	Ranging commissioning
Product area	2D LiDAR sensors 3D LiDAR sensors
Prerequisites	Feasibility analysis, taking into account the specifications for the SICK product Definition of the required functions SICK product is mounted, electrically connected, and connected to the plant SICK product is configured with factory settings For NAV sensors: Attachment of the landmarks (reflectors) Supply voltage is available at the installation site SICK product and programming interface are easily accessible without tools Provision of test objects as a reference System is uncalibrated Availability of the plant for the duration of the service
Range of services, brief	Inspection of connection, fine adjustment, configuration of monitored areas, configuration and optimization of parameters as well as tests Setup of previously defined functions of basic settings, parameters of field application, filters for raw data output and product-specific configuration
Range of services	Preliminary analysis of possible influences of ambient conditions Inspection and possible correction of wiring and connection of the SICK product Alignment and fine adjustment of the SICK product Setting application-specific parameters, e.g., basic settings, parameters of field application, filters for raw data output, product-specific configuration Adjustment of monitored areas and checking effectiveness Optimization of raw data processing, e.g., due to external reference target measurements (subject to sensor type) Function and communication test Iterative process within the estimated work time in order to optimize the sensor availability for the application Inspection of static or dynamic performance Tests on the sensor interface for the machine or plant with test objects provided by the customer Basic training for employees to explain how to operate the SICK product correctly Archiving of product parameters in a SICK database
Documentation	Archiving of product parameters in a SICK database Documentation of performance Creation of a commissioning log
Duration	Additional work will be invoiced separately
Note	Interventions in the software and controller of the overall system or the plant are not included Commissioning only takes place for uncalibrated systems Mechanical mounting of the SICK product must be carried out by the customer beforehand. The customer must provide qualified personnel to carry out any necessary changes to the mounting arrangements. Small parts are not included in the range of services
Machine life cycle	Installation Commissioning

Classifications

ECLASS 5.0	25219090
ECLASS 6.0	25219090
ECLASS 6.2	25219090
ECLASS 7.0	25219090
ECLASS 8.0	25219090
ECLASS 8.1	25219090
ECLASS 9.0	25219090
ECLASS 10.0	25219090
ECLASS 11.0	25219090
ECLASS 12.0	25219090
ETIM 5.0	--
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	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