



# Commissioning RFU/RFH

Installation and commissioning

ENGINEERING AND INTEGRATION

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
Commissioning RFU/RFH	1610018

Other models and accessories → [www.sick.com/Installation\\_and\\_commissioning](http://www.sick.com/Installation_and_commissioning)

### Detailed technical data

#### Features

<b>Product version</b>	Ident commissioning
<b>Product area</b>	RFID
<b>Prerequisites</b>	<p>Feasibility analysis, taking into account the specifications for the SICK product</p> <p>Definition of the required functions</p> <p>SICK product is mounted, electrically connected, and connected to the plant</p> <p>SICK product is configured with factory settings</p> <p>Supply voltage and host connection are available at the installation site</p> <p>SICK product and programming interface are easily accessible without tools</p> <p>Provision of test objects and at least two reference transponders</p> <p>Availability of the plant for the duration of the service</p>
<b>Range of services, brief</b>	<p>Inspection of connection, alignment, optimization of parameters of the RFU/RFH as well as tests</p> <p>Setup of previously defined functions of reading configuration, data processing and network, interfaces and inputs and outputs</p>
<b>Range of services</b>	<p>Preliminary analysis of possible influences of ambient conditions</p> <p>Inspection and possible correction of wiring and connection of the SICK product</p> <p>Alignment of the SICK product</p> <p>Adjustment of application-specific parameters; e.g., reading configuration, data processing, network/interfaces/inputs and outputs</p> <p>Creation of potentially necessary function blocks</p> <p>Filtering of overreaches with application-optimized settings</p> <p>Function and communication test</p> <p>Iterative process within the estimated work time in order to optimize the reading rate for the application</p> <p>Inspection of static or dynamic performance</p> <p>Tests on the sensor interface for the machine or plant with test objects and transponders provided by the customer – for comparison with the reference transponder</p> <p>Basic training for employees to explain how to operate the SICK product correctly</p> <p>Archiving of product parameters in a SICK database</p>
<b>Documentation</b>	<p>Archiving of product parameters in a SICK database</p> <p>Documentation of reading rate</p> <p>Creation of a commissioning log</p>
<b>Duration</b>	Additional work will be invoiced separately
<b>Note</b>	<p>Interventions in the software and controller of the overall system or the plant are not included</p> <p>Transponder installation is not included</p> <p>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.</p> <p>Small parts are not included in the range of services</p>
<b>Machine life cycle</b>	<p>Installation</p> <p>Commissioning</p>

#### Classifications

<b>ECLASS 5.0</b>	25219090
<b>ECLASS 6.0</b>	25219090

<b>ECLASS 6.2</b>	25219090
<b>ECLASS 7.0</b>	25219090
<b>ECLASS 8.0</b>	25219090
<b>ECLASS 8.1</b>	25219090
<b>ECLASS 9.0</b>	25219090
<b>ECLASS 10.0</b>	25219090
<b>ECLASS 11.0</b>	25219090
<b>ECLASS 12.0</b>	25219090
<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)