



## SICK ConnectX

Connects the field level and IoT using standardized IT protocols.

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Version</b>	1.0
<b>Description</b>	<p>Data flows can be configured intuitively with the SICK ConnectX software. The data formats commonly used in the industry can be converted, pre-processed and connected with a user interface.</p> <p>The SICK ConnectX Enterprise License software license enables further functions of SICK ConnectX to be used. After enabling this license in SICK ConnectX, the following sensors can be used:</p> <ul style="list-style-type: none"> <li>Unlimited number of IO-Link sensors (manufacturer-independent)</li> <li>Binary sensors (manufacturer-independent)</li> </ul> <p>It also allows devices and IT infrastructures to be connected that are able to be linked using the data protocols described in "Protocols".</p> <p>The SICK ConnectX Premium License software license enables further functions of SICK ConnectX to be used.</p> <ul style="list-style-type: none"> <li>Up to 64 IO-Link sensors (manufacturer-independent)</li> <li>Binary sensors (manufacturer-independent)</li> </ul> <p>The SICK ConnectX Pro License software license enables further functions of SICK ConnectX to be used.</p> <ul style="list-style-type: none"> <li>Up to 16 IO-Link sensors (manufacturer-independent)</li> <li>Binary sensors (manufacturer-independent) (depending on type)</li> </ul>
<b>Language</b>	German, English

## Product description

SICK ConnectX is a standard software and the bridge from the field to the I4.0/IIoT level. Data from the field level can be collected, pre-processed and made available to IIoT applications in the desired manner using various open or proprietary protocols (CoLa, IO-Link, OPC UA). The communication is bi-directional. Users configure the entire data flow with the help of an intuitive user interface. This also offers options for pre-processing and aggregation of data flows.

## At a glance

- SICK standard for integrating sensors into higher-level networks (e.g., MQTT)
- UI-based configuration of the SensorApp
- Configurable user interface
- Easy access to SICK Cloud based services via SICK LiveConnect
- Software can be used with other applications or as a standalone solution
- Identification of all connected devices at the press of a button

## Your benefits

- End-to-end solution without development work
- Consistent and intuitive data configuration
- UI-based configuration of the data flows – no special programming / protocol knowledge required
- Integration of device files into SICK Cloud Services in a matter of seconds
- Customer-specific solutions with common data protocols
- Compatible with almost all CoLa devices from SICK
- Cost-efficient solution for integrative data applications
- Scalable and sustainable solution through the use of state-of-the-art technologies

## Fields of application

- Integration of SICK CoLa devices
- Vertical integration in SICK Cloud based services
- Vertical integration using MQTT and HTTP

## Ordering information

Other models and accessories → [www.sick.com/SICK\\_ConnectX](http://www.sick.com/SICK_ConnectX)

Description	License type	Type	Part no.
Data flows can be configured intuitively with the SICK ConnectX software. The data formats commonly used in the industry can be converted, pre-processed and connected with a user interface.	-	SICK ConnectX	1138170
The SICK ConnectX Enterprise License software license enables further functions of SICK ConnectX to be used., After enabling this license in SICK ConnectX, the following sensors can be used.: Unlimited number of IO-Link sensors (manufacturer-independent) Binary sensors (manufacturer-independent), It also allows devices and IT infrastructures to be connected that are able to be linked using the data protocols described in "Protocols".	The Software is provided under a device license. One license is bound to a specific hardware ID at a time. It is possible to relocate the license to another device if required, after properly removing it from the initial device.	SICK ConnectX Enterprise license	1138052
The SICK ConnectX Premium License software license enables further functions of SICK ConnectX to be used., After enabling this license in SICK ConnectX, the following sensors can be used.: Up to 64 IO-Link sensors (manufacturer-independent) Binary sensors (manufacturer-independent), It also allows devices and IT infrastructures to be connected that are able to be linked using the data protocols described in "Protocols".	The Software is provided under a device license. One license is bound to a specific hardware ID at a time. It is possible to relocate the license to another device if required, after properly removing it from the initial device.	SICK ConnectX Premium license	1138327
The SICK ConnectX Pro License software license enables further functions of SICK ConnectX to be used., After enabling this license in SICK ConnectX, the following sensors can be used.: Up to 16 IO-Link sensors (manufacturer-independent) Binary sensors (manufacturer-independent), It also allows devices and IT infrastructures to be connected that are able to be linked using the data protocols described in "Protocols".	The Software is provided under a device license. One license is bound to a specific hardware ID at a time. It is possible to relocate the license to another device if required, after properly removing it from the initial device.	SICK ConnectX Pro license	1138326

## 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)