



## Connection Device Basic

Simplifies 4Dpro sensor commissioning

4DPROCONNECTIVITY

**SICK**  
Sensor Intelligence.



### Technical data overview

#### Supported products

Mobile handheld scanners  
ICR80x  
CLV41x  
CLV61x - CLV65x  
Lector62x  
RFH6xx  
RFU62x  
Lector® series  
CLV62x - CLV64x (depending on type)  
CLV69x  
RFID read/write device  
InspectorP series  
TiM3xx (depending on type)

### Product description

The proven Connection Device Basic (CDB) offers a wide range of options for quickly connecting one 4Dpro sensor – via SICK CAN sensor network, host PCs or PLCs – in accordance with industrial standards. Both the sensor and the connection module meet all IP 65 enclosure rating requirements for dust and water spray protection. In addition, the CDB can connect to a CMC600 parameter cloning module. It can be installed in the provided slot and stores all of the connected 4Dpro sensor's parameters. When exchanging a sensor, all application-specific parameters are thus copied into the new 4Dpro sensor of the same type.

### At a glance

- Connection module for one 4Dpro sensor
- Clearly visible, easily accessible screw- and spring-loaded terminals
- Connection diagram on the inside of the lid
- Configuration with switches
- IP 65 connection for one 4Dpro sensor using standard connection cable
- Basis for CMC600 parameter cloning module
- Service plug for direct access to the AUX interface

### Your benefits

- Compact design fits into small spaces
- Two mounting holes for fast, precise installation saves on installation costs
- Clearly labeled, easily accessible screw- and spring-loaded terminals save time when connecting to peripherals
- Quick, easy configuration with switches reduces installation time
- Industrial-standard connection guarantees a reliable application solution
- CMC600 parameter cloning module allows rapid exchange and replacement of connected sensors

### Fields of application

- Connection module for one 4Dpro sensor for power supply or integration into SICK CAN sensor networks

### Ordering information

Other models and accessories → [www.sick.com/Connection\\_Device\\_Basic](http://www.sick.com/Connection_Device_Basic)

| Sub product family | Supported products   | Brief description  | Type       | Part no. |
|--------------------|--|--|------------|----------|
| CDB405             | Mobile handheld scanners, ICR80x   | Small connection module for 5-V hand-held scanners and ICR80x  | CDB405-001 | 1027093  |
| CDB410             | CLV41x   | Small connection module for one CLV41x   | CDB410-001 | 1023813  |
| CDB620             | CLV61x - CLV65x, Lector62x, RFH6xx, RFU62x   | Small connection module for a sensor, 5 cable glands, socket for CMC cloning module  | CDB620-201 | 1042258  |
|                    |  | Small connection module for one sensor, 2 cable glands, 2 x M12 connector/socket for CAN, base for CMC600  | CDB620-101 | 1042257  |
|                    |  | Small connection module for one sensor, 4 cable glands, base for CMC600  | CDB620-001 | 1042256  |
| CDB650             | Lector® series, CLV62x - CLV64x (depending on type), CLV69x, RFID read/write device, InspectorP series | Connection device basic for connecting one sensor with 2 A fuse, 5 cable glands and RS-232 interface to sensor via M12, 17-pin female connector, all outputs available on screw/spring-loaded terminals. | CDB650-204 | 1064114  |
| CDB730             | TiM3xx   | Small connection module for one sensor, 4 cable glands (only for TiM3xx-10xxxxx)   | CDB730-001 | 1055981  |

## 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)