CDB
Simplifies 4D*pro* sensor commissioning

SICK
Sensor Intelligence.

CDB

Product description

The proven Connection Device Basic (CDB) offers a wide range of options for quickly connecting one 4D*pro* 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 4D*pro* sensor's parameters. When exchanging a sensor, all application-specific parameters are thus copied into the new 4D*pro* sensor of the same type.

At a glance

- Connection module for one 4D*pro* 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 4D*pro* 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 4D*pro* sensor for power supply or integration into SICK CAN sensor networks

Ordering information

Other models and accessories ➜ www.sick.com/CDB

Brief description	Communication interface	Communication Interface detail	Operating voltage	Supported products	Type	Part no.
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.	Serial, CAN	RS-232	10 V DC 30 V DC	Lector series, CLV62x - CLV64x (depending on type), CLV69x, RFID read/write device, InspectorP series	CDB650-204	1064114
Connection unit for wiring the voltage supply and I/Os	–	–	–	–	CDB TDC 24VDC	2133792
Small connection module for 5-V hand-held scanners and ICR80x	Serial	RS-232	18 V DC 30 V DC	Mobile handheld scanners, ICR80x	CDB405-001	1027093
Small connection module for a sensor, 5 cable glands, socket for CMC cloning module	Serial, CAN	RS-232	10 V DC 30 V DC [1]	CLV61x - CLV65x, Lector62x, RFH6xx, RFU62x	CDB620-201	1042258
Small connection module for one CLV41x	Serial	RS-232	–	CLV41x	CDB410-001	1023813
Small connection module for one sensor, 2 cable glands, 2 x M12 connector/socket for CAN, base for CMC600	Serial, CAN	RS-232	10 V DC 30 V DC [1]	CLV61x - CLV65x, Lector62x, RFH6xx, RFU62x	CDB620-101	1042257
Small connection module for one sensor, 4 cable glands (only for TiM3xx-10xxxxx)	–	–	–	TiM3xx	CDB730-001	1055981
Small connection module for one sensor, 4 cable glands, base for CMC600	Serial, CAN	RS-232	10 V DC 30 V DC [1]	CLV61x - CLV65x, Lector62x, RFH6xx, RFU62x	CDB620-001	1042256

[1] Supply voltage of the connected scanner + 1 V.

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**

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