



CDM

Commissioning sensors the easy way – for more flexibility

SICK
Sensor Intelligence.



Product description

The CDM offers a modular design, ensuring fast connection of a SICK 1D/2D code reader or RFID interrogator to a SICK CAN scanner network, a host computer or a PLC. The CDM supports scanners from the CLV6xx, Lector[®] series, RFH6xx, RFU6xx, IDM1xx, ID-M2xx families as well as the LMS4xx laser scanners. The CDM is rated IP 65. The CDM offers free plug-in slots for additional modules, such as power supply, display or fieldbus gateways (depending on type). The CMC600 Connection Module Cloning unit stores all the parameter values of the connected scanner. The values are automatically copied to a new device if a scanner requires replacement.

At a glance

- Efficient solution to power and connect to SICK's Auto-ID component portfolio
- Slots for optional fieldbus modules, parameter memory, display and power supply module
- Simple voltage supply of scanner
- IP 65 connection of a scanner using SICK standard cable
- Direct access to the service interface of the sensor
- Connection diagram integrated in lid
- Clearly visible and easily accessible screw/spring-loaded terminals

Your benefits

- Easy connection of the sensor to fieldbus systems
- Fast exchange of the sensor through parameter memory CMC
- Fast installation and easy networking save time
- Simple troubleshooting
- Easy diagnosis via optional CMD400 display module

Ordering information

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

Brief description	Communication interface	Communication Interface detail	Supported products	Type	Part no.
Kit: Modular connection module for one sensor, Host and AUX interface available on front plate, CMP400 power supply, US power cord	Serial, CAN	RS-232	Lector series, CLV61x - CLV65x, RFH6xx	CDM420-0102	1026220
Kit: modular connection module for one sensor, 2 A fuse, Host and AUX interface available on face plate, power supply CMP490, US power cord	Serial, CAN	RS-232	CLV69x, RFU63x, Lector65x, RFU65x	CDM420-0108	1064248
Kit: modular connection module for one sensor, Host and AUX interface available on face plate, power supply CMP490, US power cord	Serial, CAN	RS-232	CLV69x, LMS400	CDM490-0103	1026264
Modular connection module for one CLV41x	Serial	RS-232	CLV41x	CDM410-0001	1025361
Modular connection module for one sensor	Ethernet, Serial, CAN, PROFIBUS DP, DeviceNet™	RS-232, RS-232	CLV69x, LMS400	CDM490-0001	1025363
			Lector62x, CLV61x - CLV65x, Mobile handheld scanners, RFH6xx, RFU62x, RFU63x	CDM420-0001	1025362
Modular connection module for one sensor with pre-mounted CMF400 PROFIBUS module (Interface 2 x M12) and integrated CMC parameter cloning module	Ethernet, Serial, CAN, PROFIBUS DP, DeviceNet™	RS-232, RS-232	CLV61x - CLV65x	CDM420-0205	1029854
Modular connection module for one sensor with pre-mounted CMF400 PROFIBUS module (Interface 9-pin D-sub) and integrated CMC parameter cloning module	Ethernet, Serial, CAN, PROFIBUS DP, DeviceNet™	RS-232, RS-232	CLV61x - CLV65x	CDM420-0105	1040002
Modular connection module for one sensor, 2 A fuse	Ethernet, Serial, CAN, PROFIBUS DP, DeviceNet™	RS-232, RS-232	Lector series, RFID read/write device, CLV61x - CLV65x, CLV69x	CDM420-0006	1058634
Modular connection module for one sensor, Host and AUX interface available on face plate	Serial, CAN	RS-232	CLV69x, LMS400	CDM490-0101	1025365
			Lector series, CLV61x - CLV65x	CDM420-0101	1025364
Modular connection module for one sensor, additional M12 socket for PROFINET on face plate	Serial, CAN	RS-232	CLV42x, CLV43x, CLV44x, CLV45x, CLV62x, CLV63x, CLV64x, CLV65x, ICR84x-2, ICR85x-2, RFH620	CDM425-00034094	1048488

Brief description	Communication interface	Communication Interface detail	Supported products	Type	Part no.
Modular connection module for one sensor, additional M12 socket for PROFINET on face plate, 1.2 A fuse	Serial, CAN	RS-232	RFU63x	CDM425-00034094S01	1056308
Modular connection module for two sensors	Ethernet, Serial, CAN, PROFIBUS DP, DeviceNet™	RS-232, RS-232	Lector62x, CLV61x - CLV65x, Mobile handheld scanners, RFH6xx, RFU62x	CDM420-0004	1028487
Modular connection module for two sensors, 2 A fuse	Ethernet, Serial, CAN, PROFIBUS DP, DeviceNet™	RS-232, RS-232	CLV69x, RFU63x, CLV61x - CLV65x, RFU62x, RFH6xx, Lector series, RFU65x	CDM420-0007	1060324
Modular connection module for two sensors, additional M12 socket for PROFINET on face plate. Reduction of cable glands from 6 to 4, M12 socket for CAN bus and M12 plug for connection to power supply on front side	Serial, CAN	RS-232	CLV42x, CLV43x, CLV44x, CLV45x, CLV62x, CLV63x, CLV64x, CLV65x, ICR84x-2, ICR85x-2, RFH620	CDM425-10234094	1050643
Modular connection module for two sensors, additional M12 socket for PROFINET on face plate. Reduction of cable glands from 6 to 4, M12 socket for CAN bus and M12 plug for connection to power supply on front side, 1.2 A fuse	Serial, CAN	RS-232	RFU63x	CDM425-10234094S01	1056418

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