



Connection Device Modular

Commissioning sensors the easy way – for more flexibility

4DPROCONNECTIVITY

SICK
Sensor Intelligence.



Technical data overview

Supported products

CLV41x
Lector62x
CLV61x - CLV65x
Mobile handheld scanners
RFH6xx
RFU62x
RFU63x
Lector® series
RFID read/write device
CLV69x
RFU65x
Lector65x
CLV42x
CLV43x
CLV44x
CLV45x
CLV62x
CLV63x
CLV64x
CLV65x
ICR84x-2
ICR85x-2
RFH620
LMS400 (depending on type)

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/Connection_Device_Modular

Sub product family	Fieldbus interface	Supported products	Brief description	Type	Part no.	
CDM410	–	CLV41x	Modular connection module for one CLV41x	CDM410-0001	1025361	
CDM420	–	CLV69x, RFU63x, Lector65x, RFU65x	Kit: modular connection module for one sensor, 2 A fuse, Host and AUX interface available on face plate, power supply CMP490, US power cord	CDM420-0108	1064248	
		Lector® series, CLV61x - CLV65x	Modular connection module for one sensor, Host and AUX interface available on face plate	CDM420-0101	1025364	
		Lector® series, CLV61x - CLV65x, RFH6xx	Kit: Modular connection module for one sensor, Host and AUX interface available on front plate, CMP400 power supply, US power cord	CDM420-0102	1026220	
	PROFIBUS DP	CLV61x - CLV65x	Modular connection module for one sensor with pre-mounted CMF400 PROFIBUS module (Interface 2 x M12) and integrated CMC parameter cloning module	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	CDM420-0105	1040002	
	PROFIBUS DP, Ethernet, DeviceNet™		CLV69x, RFU63x, CLV61x - CLV65x, RFU62x, RFH6xx, Lector® series, RFU65x	Modular connection module for two sensors, 2 A fuse	CDM420-0007	1060324
			Lector62x, CLV61x - CLV65x, Mobile handheld scanners, RFH6xx, RFU62x	Modular connection module for two sensors	CDM420-0004	1028487
			Lector62x, CLV61x - CLV65x, Mobile handheld scanners, RFH6xx, RFU62x, RFU63x	Modular connection module for one sensor	CDM420-0001	1025362
			Lector® series, RFID read/write device, CLV61x - CLV65x, CLV69x	Modular connection module for one sensor, 2 A fuse	CDM420-0006	1058634

Sub product family	Fieldbus interface	Supported products	Brief description	Type	Part no.
CDM425	-	CLV42x, CLV43x, CLV44x, CLV45x, CLV62x, CLV63x, CLV64x, CLV65x, ICR84x-2, ICR85x-2, RFH620	Modular connection module for one sensor, additional M12 socket for PROFINET on face plate	CDM425-00034094	1048488
			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	CDM425-10234094	1050643
		RFU63x	Modular connection module for one sensor, additional M12 socket for PROFINET on face plate, 1.2 A fuse	CDM425-00034094S01	1056308
			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	CDM425-10234094S01	1056418
CDM490	-	CLV69x, LMS400	Kit: modular connection module for one sensor, Host and AUX interface available on face plate, power supply CMP490, US power cord	CDM490-0103	1026264
			Modular connection module for one sensor, Host and AUX interface available on face plate	CDM490-0101	1025365
	PROFIBUS DP, Ethernet, DeviceNet™	CLV69x, LMS400	Modular connection module for one sensor	CDM490-0001	1025363

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