CDM490-0001
CDM

JUNCTION BOXES
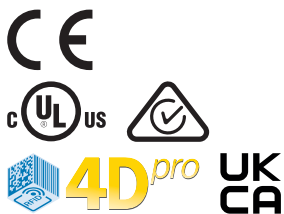
SICK
Sensor Intelligence.

Ordering information

Type	part no.
CDM490-0001	1025363

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

Detailed technical data

Features

Brief description	Modular connection module for one sensor
Supported products	CLV69x LMS400
Cloning module support (CMC)	Yes
Supports display module (CMD)	Yes
Supports power supply module (CMP)	Yes
Supports fieldbus gateway (CMF)	Yes (PROFIBUS DP, Ethernet, DeviceNet™)

Mechanics/electronics

Power consumption	Power consumption of the sensor + 0.5 W
Housing	Polycarbonate
Enclosure rating	IP65 [1]
Protection class	III
Weight	870 g
Dimensions (L x W x H)	192 mm x 167 mm x 70 mm
Scanner connection	15-pin D-Sub HD female connector, 15-pin D-Sub HD male connector
Service plug	9-pin D-Sub plug (internal)

[1] When using a standard connection cable for scanners by SICK.

Interfaces

Ethernet	✓ , RS-232, TCP/IP, RS-485
Remark	Depending on Sensor connected; corresponding CMF fieldbus gateway additionally necessary
Serial	✓ , RS-232, RS-422, RS-485
Remark	Depending on sensor connected
CAN	✓
Remark	Depending on sensor connected
PROFIBUS DP	✓
Remark	Corresponding CMF fieldbus gateway additionally necessary

DeviceNet™	✓
Remark	Corresponding CMF fieldbus gateway additionally necessary
Digital inputs	Depending on sensor connected
Digital outputs	Depending on sensor connected
Optical indicators	11 LED
Configuration software	SOPAS ET

Ambient data

Ambient operating temperature	–35 °C … +40 °C
Storage temperature	–20 °C … +70 °C
Permissible relative humidity	< 90 %, Non-condensing

Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
cULus certificate	✓
4Dpro	✓

Classifications

ECLASS 5.0	27242208
ECLASS 5.1.4	27242608
ECLASS 6.0	27242608
ECLASS 6.2	27242608
ECLASS 7.0	27242608
ECLASS 8.0	27242608
ECLASS 8.1	27242608
ECLASS 9.0	27242608
ECLASS 10.0	27242608
ECLASS 11.0	27242608
ECLASS 12.0	27242608
ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604
ETIM 8.0	EC001604
UNSPSC 16.0901	32151705

Recommended accessories

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

	Brief description	Type	part no.
connectors and cables			
	• **Connection type head A:** Female connector, D-Sub, 9-pin, straight • **Connection type head B:** Female connector, D-Sub, 9-pin, straight • **Signal type:** Serial • **Cable:** 3 m • **Description:** Serial, unshielded • **Note:** For PC connection	YFH-DA9-030XXXFHDA9	2103279
integration modules and adapters			
	• **Description:** External parameter memory for integration in CDB620/CDB650/CDM42x	CMC600-101	1042259

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**

SICK AG | Waldkirch | Germany | www.sick.com