



# CDM420-0006

CDM

JUNCTION BOXES

**SICK**  
Sensor Intelligence.



## Ordering information

Type	part no.
CDM420-0006	1058634

Other models and accessories → [www.sick.com/CDM](http://www.sick.com/CDM)



## Detailed technical data

### Features

<b>Brief description</b>	Modular connection module for one sensor, 2 A fuse
<b>Supported products</b>	Lector series RFID read/write device CLV61x - CLV65x CLV69x
<b>Cloning module support (CMC)</b>	Yes
<b>Supports display module (CMD)</b>	Yes
<b>Supports power supply module (CMP)</b>	Yes
<b>Supports fieldbus gateway (CMF)</b>	Yes (PROFIBUS DP, Ethernet, DeviceNet™)

### Mechanics/electronics

<b>Power consumption</b>	Power consumption of the sensor + 0.5 W
<b>Housing</b>	Polycarbonate
<b>Enclosure rating</b>	IP65 <sup>1)</sup>
<b>Protection class</b>	III
<b>Weight</b>	+ 800 g
<b>Dimensions (L x W x H)</b>	192 mm x 167 mm x 70 mm
<b>Scanner connection</b>	15-pin D-Sub HD female connector
<b>Service plug</b>	9-pin D-Sub plug (internal)

<sup>1)</sup> When using a standard connection cable for scanners by SICK.

### Interfaces

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

<b>DeviceNet™</b>	✓
Remark	Corresponding CMF fieldbus gateway additionally necessary
<b>Digital inputs</b>	Depending on sensor connected
<b>Digital outputs</b>	Depending on sensor connected
<b>Optical indicators</b>	5 LED
<b>Configuration software</b>	SOPAS ET

#### Ambient data

<b>Ambient operating temperature</b>	-35 °C ... +40 °C
<b>Storage temperature</b>	-35 °C ... +70 °C
<b>Permissible relative humidity</b>	< 90 %, Non-condensing

#### Certificates



<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓
<b>ACMA declaration of conformity</b>	✓
<b>China-RoHS</b>	✓
<b>4Dpro</b>	✓

#### Classifications

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

Recommended accessories

Other models and accessories → [www.sick.com/CDM](http://www.sick.com/CDM)

	Brief description	Type	part no.
integration modules and adapters			
	<ul style="list-style-type: none"><li>• <b>Description:</b> External parameter memory for integration in CDB620/CDB650/CDM42x</li></ul>	CMC600-101	1042259
connectors and cables			
	<ul style="list-style-type: none"><li>• <b>Connection type head A:</b> Female connector, D-Sub, 9-pin, straight</li><li>• <b>Connection type head B:</b> Female connector, D-Sub, 9-pin, straight</li><li>• <b>Signal type:</b> Serial</li><li>• <b>Cable:</b> 3 m</li><li>• <b>Description:</b> Serial, unshielded</li><li>• <b>Note:</b> For PC connection</li></ul>	YFH- DA9-030XXXFHDA9	2103279

## 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)