



CDM420-0001
CDM

JUNCTION BOXES

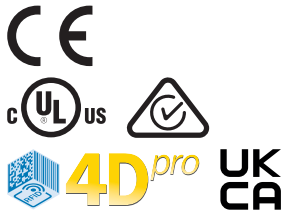
SICK
Sensor Intelligence.



Ordering information

| Type | part no. |
|-------------|----------|
| CDM420-0001 | 1025362 |

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



Detailed technical data

Features

| | |
|---|--|
| Brief description | Modular connection module for one sensor |
| Supported products | Lector62x CLV61x - CLV65x Mobile handheld scanners RFH6xx RFU62x RFU63x |
| 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 | 800 g |
| Dimensions (L x W x H) | 192 mm x 167 mm x 70 mm |
| Scanner connection | 15-pin D-Sub HD female 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 | | 5 LED |
| Configuration software | | SOPAS ET |

Ambient data

| | |
|--------------------------------------|------------------------|
| Ambient operating temperature | -35 °C ... +40 °C |
| Storage temperature | -35 °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. |
|---|--|---------------------|----------|
| integration modules and adapters | | | |
|  | <ul style="list-style-type: none">• Description: External parameter memory for integration in CDB620/CDB650/CDM42x | CMC600-101 | 1042259 |
| connectors and cables | | | |
|  | <ul style="list-style-type: none">• 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 |

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