



CDM420-0101

Connection Device Modular

4DPROCONNECTIVITY

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

| Type | Part no. |
|-------------|----------|
| CDM420-0101 | 1025364 |

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

Detailed technical data

Features

| | |
|---|--|
| Brief description | Modular connection module for one sensor, Host and AUX interface available on face plate |
| Supported products | Lector® series CLV61x - CLV65x |
| Cloning module support (CMC) | Yes |
| Supports display module (CMD) | Yes |
| Supports power supply module (CMP) | Yes |
| Supports fieldbus gateway (CMF) | No |

Mechanics/electronics

| | |
|-------------------------------|---|
| Power consumption | Power consumption of the sensor + 0.5 W |
| Housing | Polycarbonate |
| Housing color | Blue (RAL 5012) |
| 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

| | |
|-------------------------------|-------------------------------|
| Serial | ✓, RS-232, RS-422, RS-485 |
| Remark | Depending on sensor connected |
| CAN | ✓ |
| Remark | Depending on sensor connected |
| 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 |

Classifications

| | |
|-----------------------|----------|
| eCI@ss 5.0 | 27242208 |
| eCI@ss 5.1.4 | 27242608 |
| eCI@ss 6.0 | 27242608 |
| eCI@ss 6.2 | 27242608 |
| eCI@ss 7.0 | 27242608 |
| eCI@ss 8.0 | 27242608 |
| eCI@ss 8.1 | 27242608 |
| eCI@ss 9.0 | 27242608 |
| eCI@ss 10.0 | 27242608 |
| eCI@ss 11.0 | 27242608 |
| eCI@ss 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/Connection_Device_Modular

| | Brief description | Type | Part no. |
|---|---|--------------------|-----------------|
| Cloning module | | | |
|  | External parameter memory for integration in CDB620/CDB650/CDM42x | CMC600-101 | 1042259 |
| Plug connectors and cables | | | |
|  | Head A: female connector, M12, 17-pin, straight Head B: male connector, D-Sub-HD, 15-pin, straight Cable: Power, serial, CAN, digital I/Os, shielded, 3 m | YF2Z1D-030XXXMHDAC | 2055420 |
|  | Head A: female connector, D-Sub, 9-pin, straight Head B: female connector, D-Sub, 9-pin, straight Cable: serial, unshielded, 3 m For PC connection | YFHDA9-030XXXFHDA9 | 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