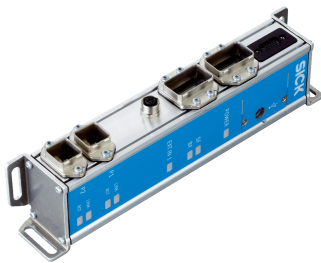


# CDF600-2201

CDF

NETWORK DEVICES

**SICK**  
Sensor Intelligence.



### Ordering information

| Type        | part no. |
|-------------|----------|
| CDF600-2201 | 1063390  |

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



### Detailed technical data

#### Features

|                                           |                                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Supported products</b>                 | Lector series<br>CLV61x - CLV65x<br>CLV69x<br>RFID read/write device<br>Mobile handheld scanners |
| <b>Cloning module support (CMC)</b>       | Integrated                                                                                       |
| <b>Supports display module (CMD)</b>      | No                                                                                               |
| <b>Supports power supply module (CMP)</b> | No                                                                                               |
| <b>Supports fieldbus gateway (CMF)</b>    | No                                                                                               |

#### Mechanics/electronics

|                               |                                                                         |
|-------------------------------|-------------------------------------------------------------------------|
| <b>Supply voltage</b>         | (10 V DC ... 30 V DC)                                                   |
| <b>Power consumption</b>      | < 5 W, if no sensor is connected and the digital input is not connected |
| <b>Housing</b>                | Aluminum (unpainted)                                                    |
| <b>Enclosure rating</b>       | IP65                                                                    |
| <b>Protection class</b>       | III                                                                     |
| <b>Weight</b>                 | + 690 g                                                                 |
| <b>Dimensions (L x W x H)</b> | 270.1 mm x 74.7 mm x 47.4 mm                                            |
| <b>Scanner connection</b>     | RS-232                                                                  |

#### Interfaces

|                        |                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROFINET</b>        | ✓ , RS-232                                                                                                                                                                                                                                                        |
| Function               | PROFINET Dual Port                                                                                                                                                                                                                                                |
| Data transmission rate | 57.6 kBaud, 2-port Ethernet in accordance with IEEE 802.3 (baud rate 100 MBit/s, full-duplex transmission, 2-port switch, auto-negotiation, auto-crossover). Maximum data length is limited by the mode of communication (fragmentation protocol) to 4,000 bytes. |
| <b>Serial</b>          | ✓ , RS-232                                                                                                                                                                                                                                                        |
| Function               | Service interface                                                                                                                                                                                                                                                 |
| Data transmission rate | 57.6 kBaud                                                                                                                                                                                                                                                        |

|                               |          |
|-------------------------------|----------|
| <b>Digital inputs</b>         | 1        |
| <b>Digital outputs</b>        | 0        |
| <b>Optical indicators</b>     | 8 LEDs   |
| <b>Configuration software</b> | SOPAS ET |

#### Ambient data

|                                            |                                            |
|--------------------------------------------|--------------------------------------------|
| <b>Electromagnetic compatibility (EMC)</b> | EN61000-6-4:2018-02 / EN 61000-6-2:2005-08 |
| <b>Vibration resistance</b>                | EN 60068-2-6:2008-02                       |
| <b>Shock resistance</b>                    | EN 60068-2-27:2009-05                      |
| <b>Ambient operating temperature</b>       | -35 °C ... +50 °C                          |
| <b>Storage temperature</b>                 | -35 °C ... +70 °C                          |
| <b>Permissible relative humidity</b>       | < 90 %, Non-condensing                     |

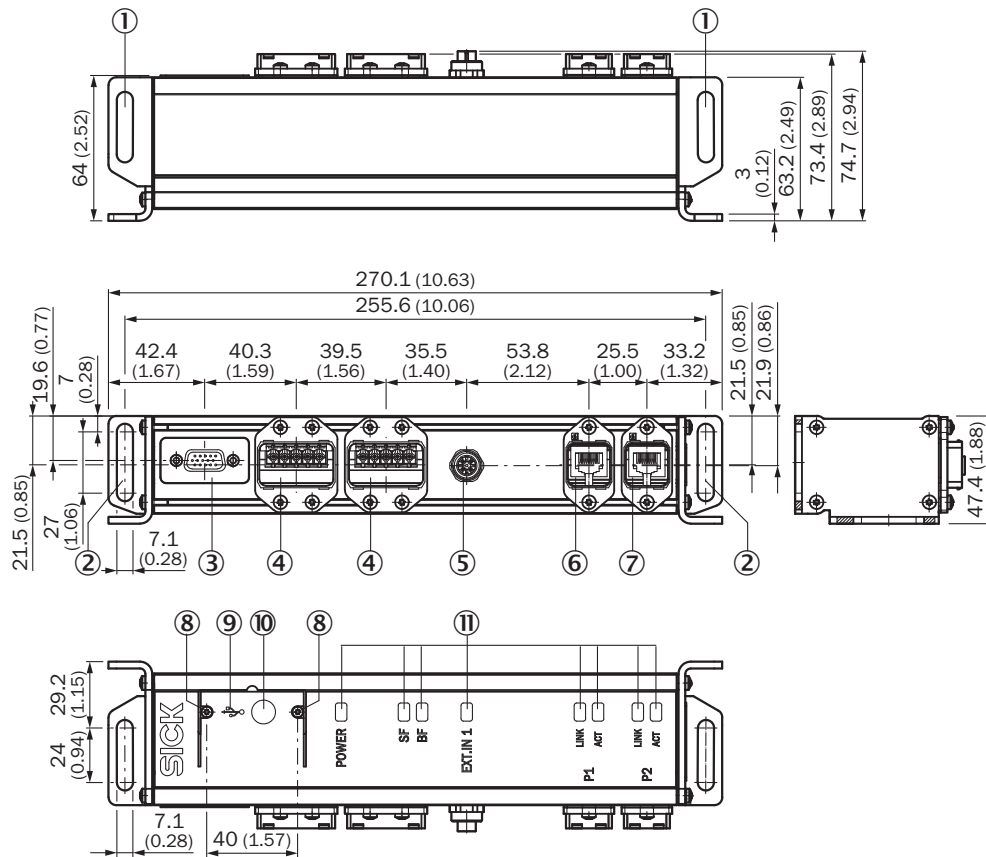
#### Certificates

|                                       |   |
|---------------------------------------|---|
| <b>EU declaration of conformity</b>   | ✓ |
| <b>UK declaration of conformity</b>   | ✓ |
| <b>ACMA declaration of conformity</b> | ✓ |
| <b>China RoHS</b>                     | ✓ |
| <b>cULus certificate</b>              | ✓ |
| <b>Profinet certificate</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 |

## Dimensional drawing






Dimensions in mm (inch)

- ① Elongated mounting hole, 24 mm, unpainted (2 x), for mounting
- ② Elongated mounting hole, 27 mm, unpainted (2 x), alternativ for mounting
- ③ "DEVICE" connection, 15-pin D-sub HD female connector with seal
- ④ "POWER" connection, 5-pin power male connector, push-pull AIDA compliant
- ⑤ "EXT. IN 1" connection, 5-pin M12 female connector, A-coded
- ⑥ "P1 PROFINET" connection, 8-pin RJ45 female connector, push-pull AIDA compliant
- ⑦ "P2 PROFINET" connection, 8-pin RJ45 female connector, push-pull AIDA compliant
- ⑧ screw (Torx T8), captive (2 x), for hinged cover
- ⑨ "USB" connection, 5-pin micro-B socket, for configuration/diagnostics, behind screw-mounted cover
- ⑩ Rotary encoding switch „Mode“, for operating mode, behind screw-mounted cover
- ⑪ LED (8 x), status display (POWER, SF, BF, EXT. IN 1, P1 LNK, P1 ACT, P2 LNK, P2 ACT)

## Recommended accessories

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

|                                                                                   | Brief description                                                                                                                                                                                                                                                                                                                                                                     | Type             | part no. |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|
| connectors and cables                                                             |                                                                                                                                                                                                                                                                                                                                                                                       |                  |          |
|  | <ul style="list-style-type: none"> <li>• <b>Connection type head A:</b> Male connector, Micro-B, 4-pin, straight</li> <li>• <b>Connection type head B:</b> Male connector, USB-A, 4-pin, straight</li> <li>• <b>Signal type:</b> USB 2.0</li> <li>• <b>Cable:</b> 2 m, 4-wire</li> <li>• <b>Description:</b> USB 2.0, unshielded</li> </ul>                                           | USB cable        | 6036106  |
|                                                                                   | <ul style="list-style-type: none"> <li>• <b>Connection type head A:</b> Male connector, M12, 5-pin, straight</li> <li>• <b>Connection type head B:</b> Flying leads</li> <li>• <b>Signal type:</b> Digital I/Os</li> <li>• <b>Cable:</b> 2 m, PUR, halogen-free</li> <li>• <b>Description:</b> Digital I/Os, unshielded</li> <li>• <b>Connection systems:</b> Flying leads</li> </ul> | Connecting cable | 6026133  |
| device protection and care                                                        |                                                                                                                                                                                                                                                                                                                                                                                       |                  |          |
|  | <ul style="list-style-type: none"> <li>• <b>Description:</b> Protective cap with lock for power push-pull mounting frame, enclosure rating IP 65</li> </ul>                                                                                                                                                                                                                           | Protective cap   | 5327762  |
|  | <ul style="list-style-type: none"> <li>• <b>Description:</b> Protective cap with lock for PROFINET RJ45 push-pull mounting frame, enclosure rating IP 65</li> </ul>                                                                                                                                                                                                                   | Protective cap   | 5326204  |

## 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)