# CDF600-2200
CDF

**NETWORK DEVICES**

**SICK**
Sensor Intelligence.

## Ordering information

| Type | part no. |
|---|---|
| CDF600-2200 | 1062460 |

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

## Detailed technical data

### Features

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

### Mechanics/electronics

| | |
|---|---|
| **Supply voltage** | (10 V DC ... 30 V DC) |
| **Power consumption** | < 5 W, if no sensor is connected and the digital input is not connected |
| **Housing** | Aluminum (unpainted) |
| **Enclosure rating** | IP65 |
| **Protection class** | III |
| **Weight** | + 361 g |
| **Dimensions (L x W x H)** | 207 mm x 49.5 mm x 40.7 mm |
| **Scanner connection** | RS-232 |

### Interfaces

| | | |
|---|---|---|
| **PROFINET** | | ✓ , RS-232 |
| | Remark | Depending on sensor connected |
| | 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. |
| **Serial** | | ✓ , RS-232 |
| | Remark | Depending on sensor connected |
| | Function | Service interface |

| | |
|---|---|
| Data transmission rate | 57.6 kBaud |
| CAN | ✓ |
| Digital inputs | 1 |
| Digital outputs | 0 |
| Optical indicators | 6 LEDs |
| Configuration software | SOPAS ET |

## Ambient data

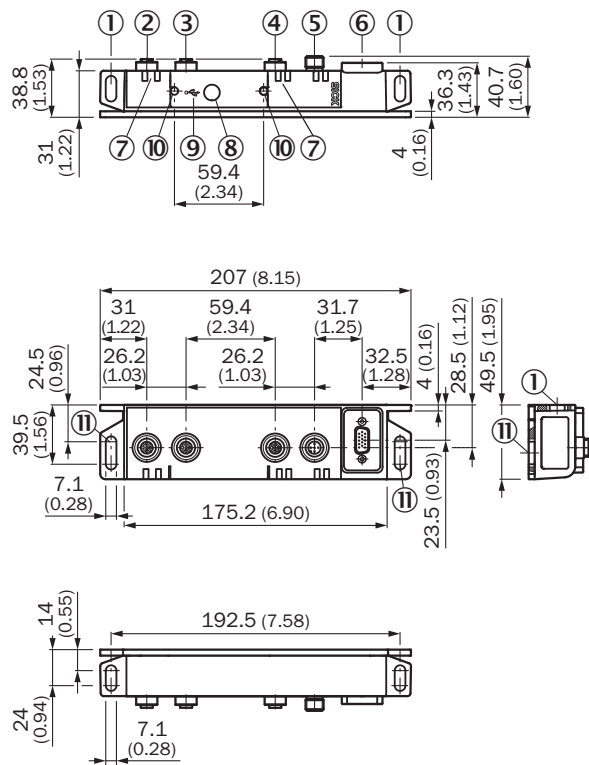| | |
|---|---|
| Electromagnetic compatibility (EMC) | EN 61000-6-3/A1:2011-03 / EN 61000-6-2:2005-08 |
| Vibration resistance | EN 60068-2-6:2008-02 |
| Shock resistance | EN 60068-2-27:2009-05 |
| Ambient operating temperature | –35 °C ... +50 °C |
| Storage temperature | –35 °C ... +70 °C |
| Permissible relative humidity | < 90 %, Non-condensing |

## Certificates

| | |
|---|---|
| EU declaration of conformity | ✓ |
| UK declaration of conformity | ✓ |
| ACMA declaration of conformity | ✓ |
| China-RoHS | ✓ |
| cULus certificate | ✓ |
| Profinet certificate | ✓ |

## 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 |

## Dimensional drawing

Dimensions in mm (inch)

① Elongated mounting hole (2 x), for mounting with M6 screw
② "PROFINET P2" connection, 4-pin M12 socket, D-coded
③ "PROFINET P1" connection, 4-pin M12 female connector, D-coded
④ "EXT. IN 1" connection, 5-pin M12 female connector, A-coded
⑤ "POWER" connection, 5-pin M12 plug, A-coded
⑥ "DEVICE" connection, 15-pin D-sub HD female connector with seal
⑦ LED (6 x), status display (POWER, EXT. IN 1, SF, BF, P1 LNK/ACT, P2 LNK/ACT)
⑧ Rotary encoding switch „Mode", for operating mode, behind screw-mounted cover
⑨ "USB" connection, 5-pin micro-B socket, for configuration/diagnostics, behind screw-mounted cover
⑩ screw (Torx T8), captive (2 x), for cover
⑪ Elongated mounting hole (2 x), for mounting with M6 screw

## Recommended accessories

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

| | Brief description | Type | part no. |
|---|---|---|---|
| **connectors and cables** | | | |
| | • **Connection type head A:** Male connector, Micro-B, 4-pin, straight<br>• **Connection type head B:** Male connector, USB-A, 4-pin, straight<br>• **Signal type:** USB 2.0<br>• **Cable:** 2 m, 4-wire<br>• **Description:** USB 2.0, unshielded | USB cable | 6036106 |
| | • **Connection type head A:** Female connector, M12, 5-pin, straight, A-coded<br>• **Connection type head B:** Flying leads<br>• **Signal type:** Sensor/actuator cable<br>• **Cable:** 5 m, 5-wire, PUR, halogen-free<br>• **Description:** Sensor/actuator cable, shielded<br>• **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation | YF2A25-050UB6XLEAX | 2095733 |
| | • **Connection type head A:** Male connector, M12, 4-pin, straight, D-coded<br>• **Connection type head B:** Male connector, M12, 4-pin, straight, D-coded<br>• **Signal type:** Ethernet, PROFINET<br>• **Cable:** 2 m, 4-wire, PUR, halogen-free<br>• **Description:** Ethernet, shieldedPROFINET<br>• **Application:** Drag chain operation, Zones with oils and lubricants | YM2D24-020P-N1M2D24 | 2106159 |
| | • **Connection type head A:** Female connector, M12, 5-pin, straight, A-coded<br>• **Connection type head B:** Flying leads<br>• **Signal type:** Sensor/actuator cable<br>• **Cable:** 2 m, 5-wire, PUR, halogen-free<br>• **Description:** Sensor/actuator cable, shielded<br>• **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation | YF2A25-020UB6XLEAX | 2145583 |
| | • **Connection type head A:** Female connector, M12, 5-pin, straight, A-coded<br>• **Connection type head B:** Flying leads<br>• **Signal type:** Sensor/actuator cable<br>• **Cable:** 1 m, 5-wire, PUR, halogen-free<br>• **Description:** Sensor/actuator cable, shielded<br>• **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation | YF2A25-010UB6XLEAX | 2145582 |
| | • **Connection type head A:** Female connector, M12, 5-pin, straight, A-coded<br>• **Connection type head B:** Flying leads<br>• **Signal type:** Sensor/actuator cable<br>• **Cable:** 0.6 m, 5-wire, PUR, halogen-free<br>• **Description:** Sensor/actuator cable, shielded<br>• **Application:** Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation | YF2A25-C60UB6XLEAX | 2145581 |

## 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

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