



# CDF600-2103

CDF

NETWORK DEVICES

**SICK**  
Sensor Intelligence.



### Ordering information

| Type        | part no. |
|-------------|----------|
| CDF600-2103 | 1058966  |

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>       | IP20                                                                    |
| <b>Protection class</b>       | III                                                                     |
| <b>Weight</b>                 | + 375 g                                                                 |
| <b>Dimensions (L x W x H)</b> | 207 mm x 49.5 mm x 40.7 mm                                              |
| <b>Scanner connection</b>     | RS-232                                                                  |

#### Interfaces

|                    |                        |                                 |
|--------------------|------------------------|---------------------------------|
| <b>Serial</b>      |                        | ✓ , RS-232                      |
|                    | Remark                 | Depending on sensor connected   |
|                    | Function               | Service interface               |
|                    | Data transmission rate | 57.6 kBaud, Automatic detection |
| <b>CAN</b>         |                        | ✓ , DPV0                        |
|                    | Remark                 | Depending on sensor connected   |
|                    | Function               | Slave DPV0                      |
|                    | Data transmission rate | 9.6 kbit/s ... 12 Mbit/s        |
| <b>PROFIBUS DP</b> |                        | ✓ , DPV0                        |
|                    | Function               | Slave DPV0                      |

|                        |             |
|------------------------|-------------|
| Data transmission rate | ≤ 12 Mbit/s |
| Digital inputs         | 1           |
| Digital outputs        | 0           |
| Optical indicators     | 4 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                         |

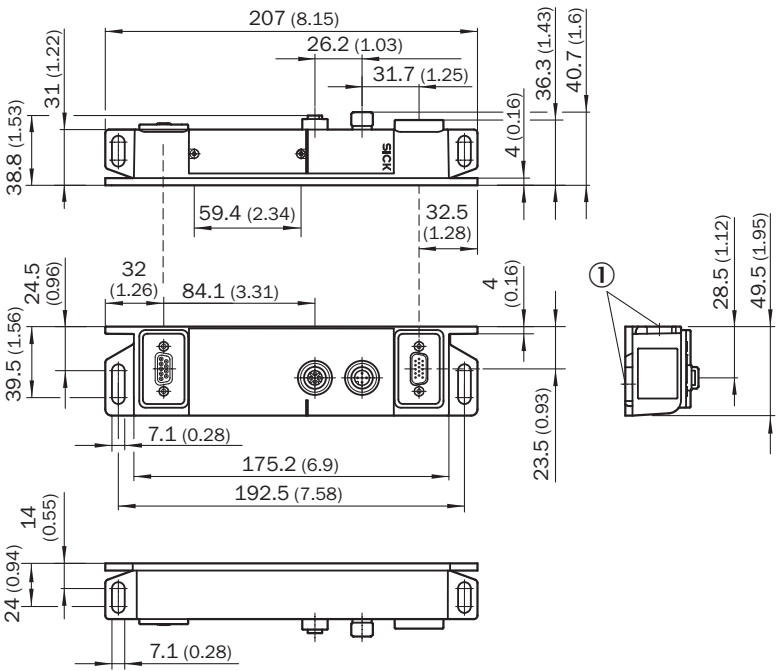
#### Certificates

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

#### 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 For cylinder head screw M6 x 12

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> Flying leads</li><li>• <b>Connection type head B:</b> Flying leads</li><li>• <b>Signal type:</b> PROFIBUS DP</li><li>• <b>Items supplied:</b> By the meter</li><li>• <b>Cable:</b> 2-wire, PUR</li><li>• <b>Description:</b> PROFIBUS DP, shielded</li></ul> | LTG-2102-MW | 6021355  |

## 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)