



## Connectivity CDM / CDM425

CDM425-00034094S01



**Model Name** > CDM425-00034094S01  
**Part No.** > 1056308



Illustration may differ

#### At a glance

- PROFINET gateway to connect sensors with peripherals
- Slot for optional cloning module CMC600
- Simple voltage supply of scanner
- IP 65 connection of a scanner using SICK standard cable
- Direct access to the service interface of the sensor
- Connection diagram integrated in lid
- Clearly visible and easily accessible screw/spring-loaded terminals

#### Your benefits

- Easy connection of the sensor to PROFINET
- Fast exchange of the sensor through parameter memory CMC
- Fast installation and easy networking save time
- Simple troubleshooting



#### Features

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| Brief description:               | Modular connection module for one sensor, additional M12 socket for PROFINET on face plate, 1.2 A fuse |
| Supported products:              | RFU63x                                                                                                 |
| Supports fieldbus gateway (CMF): | No                                                                                                     |

#### Interfaces

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Serial (RS-232, RS-422/485):          | ✓                                |
| Remark (Serial (RS-232, RS-422/485)): | Depending on sensor connected    |
| Ethernet:                             | -                                |
| CAN bus:                              | ✓                                |
| Remark (CAN bus):                     | Depending on sensor connected    |
| PROFIBUS DP:                          | -                                |
| DeviceNet:                            | -                                |
| Switching inputs:                     | Depending on sensor connected    |
| Switching outputs:                    | Depending on sensor connected    |
| Optical indicators:                   | 4 LED (Status and error display) |

#### Mechanics/electronics

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Power consumption: | Power consumption of the gateway + 3.5 W and of the sensor + 1 W |
| Housing:           | Polycarbonat                                                     |
| Enclosure rating:  | IP 65 (DIN 40 050) <sup>1)</sup>                                 |

|                     |                             |
|---------------------|-----------------------------|
| Protection class:   | III (VDE 0106)              |
| Weight:             | 1,100 g                     |
| Dimensions:         | 192 mm x 167 mm x 70 mm     |
| Housing color:      | Blue (RAL 5012)             |
| Scanner connection: | 15-pin D-Sub HD socket      |
| Service plug:       | 9-pin D-Sub plug (internal) |

<sup>1)</sup> When using a SICK scanner standard connecting cable

#### Ambient data

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|                                |                        |
|--------------------------------|------------------------|
| Ambient operating temperature: | -35 °C ... 40 °C       |
| Storage temperature:           | -35 °C ... 70 °C       |
| Permissible relative humidity: | ± 90 %, non-condensing |

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