



## Connectivity CDF600

CDF600-01100



**Model Name** > [CDF600-0100](#)  
**Part No.** > [1041251](#)



**At a glance**

- Simple mounting saves time on installation, commissioning, and provides flexibility for different application environments
- All electrical connections are pluggable
- Integrated parameter storage
- 6 LEDs for status and error display
- Integrated CAN interface

**Your benefits**

- A two-screw system makes mounting quick and easy
- Electrical installation is quick since all connections are established with plugs
- Auto detect: Sensor and CDF600 detect each other automatically
- Quick sensor exchange due to integrated parameter memory
- Small size and simple setup enables fast installation, even in compact machines
- Easy diagnosis via 6 LEDs

**The product has been discontinued. Please follow the "replacement product" link for information about alternative products.**



**Features**

Brief description:	Fieldbus proxy/gateway to connect to a PROFIBUS network
Supported products:	CLV62x, CLV63x, CLV64x, CLV65x, RFH620
Supports cloning module (CMC):	Integrated
Supports display module (CMD):	No
Supports power supply module (CMP):	No
Supports fieldbus gateway (CMF):	Integrated (PROFIBUS DP)

**Interfaces**

Serial (RS-232):	✓
Function (Serial (RS-232)):	AUX
Data transmission rate (Serial (RS-232)):	57.6 kBaud
Ethernet:	-
CAN bus:	✓
Remark (CAN bus):	Depending on sensor connected
PROFIBUS DP:	✓
Function (PROFIBUS DP):	Slave
Data transmission rate (PROFIBUS DP):	9.6 kbit/s ... 12 Mbit/s, autodetect
DeviceNet:	-

Switching inputs:	2
Switching outputs:	2
Optical indicators:	6 LED
Configuration software:	SOPAS ET

### Mechanics/electronics

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Electrical connection:	1 x 15-pin D Sub HD female connector (DEVICE), 1 x 4-pin M8 female connector (AUX), 1 x 5-pin M12 female connector (PROFIBUS OUT), 1 x 5-pin M12 male connector (POWER), 1 x 5-pin M12 male connector (PROFIBUS IN), 3 x 5-pin M12 female connector (IN 1, IN 2, OUT 1/2)
Operating voltage:	18 V DC ... 30 V DC
Power consumption:	7 W, if no sensor is connected and digital switching inputs and outputs are not connected
Housing:	Die-cast aluminum
Enclosure rating:	IP 65 (DIN 40 050) <sup>1)</sup>
Protection class:	III
Weight:	590 g
Dimensions:	225 mm x 76.5 mm x 47 mm <sup>2)</sup>
Housing color:	Light blue (RAL 5012)
Scanner connection:	RS-232

<sup>1)</sup> When using a SICK scanner standard connecting cable <sup>2)</sup> Without plugged-in connections

### Ambient data

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Electromagnetic compatibility (EMC):	EN 61000-6-4 (2007-01)/EN 61000-6-2:2005
Vibration resistance:	EN 60068-2-6 (1995)
Shock resistance:	EN 60068-2-27 (1993)
Ambient operating temperature:	-35 °C ... +50 °C
Storage temperature:	-35 °C ... +70 °C
Permissible relative humidity:	± 90 %, non-condensing

### General notes

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Life cycle phase:	Phased out
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