

ONLINE DATA SHEET
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Connectivity
CDF600-2 / CDF600-2 PROFIBUS DP

CDF600-2103



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CDF600-2 / CDF600-2 PROFIBUS DP

Model Name > CDF600-2103
Part No. > 1058966



At a glance

- Flexible mounting on all standard profiles
- Flexible fieldbus connection for PROFIBUS DP and PROFINET IO (depending on type)
- Code switch for setting node address and operating mode (depending on type)
- LEDs for status and diagnostics
- Plug-in electrical connections
- Integrated configuration memory for connected sensors
- Compact and flexible

Your benefits

- Sophisticated two-screw system for fast, flexible mounting on all standard profiles
- Choice of different versions for connecting to industrial field buses
- Code switch that is mounted so it is protected against accidental adjustment and is easily accessible from the outside for easy setup of bus address and operating mode without complex software
- Clear status LEDs that are identifiable on two sides from any viewing direction for simple and effective diagnosis (depending on type)
- Fast installation and easy replacement in the system thanks to plug-in connections
- Integrated cloning module for all configurations of the connected sensor enables very fast replacement time in case of faults
- Compact and rugged design with choice of horizontal or vertical cable direction

Features

Brief description:	Fieldbus proxy/gateway for connecting identification sensors to PROFIBUS-DP networks (PROFIBUS interface: 1 x D-Sub, female connector, 9-pin)
Supported products:	CLV61x, CLV62x, CLV63x, CLV64x, CLV65x, CLV69x, IDM12x, IDM14x, IDM16x, IDM24x, IDM26x, Lector®62x, Lector®65x, RFH6xx, RFU63x
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

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Ethernet:	-
CAN bus:	✓
Remark (CAN bus):	Depending on sensor connected
PROFIBUS DP:	✓
Function (PROFIBUS DP):	Slave DP1
Data transmission rate (PROFIBUS DP):	9.6 kbit/s ... 12 Mbit/s, autodetect
DeviceNet:	-
Switching inputs:	1
Switching outputs:	0
Optical indicators:	4 LEDs
Configuration software:	SOPAS ET

Mechanics/electronics

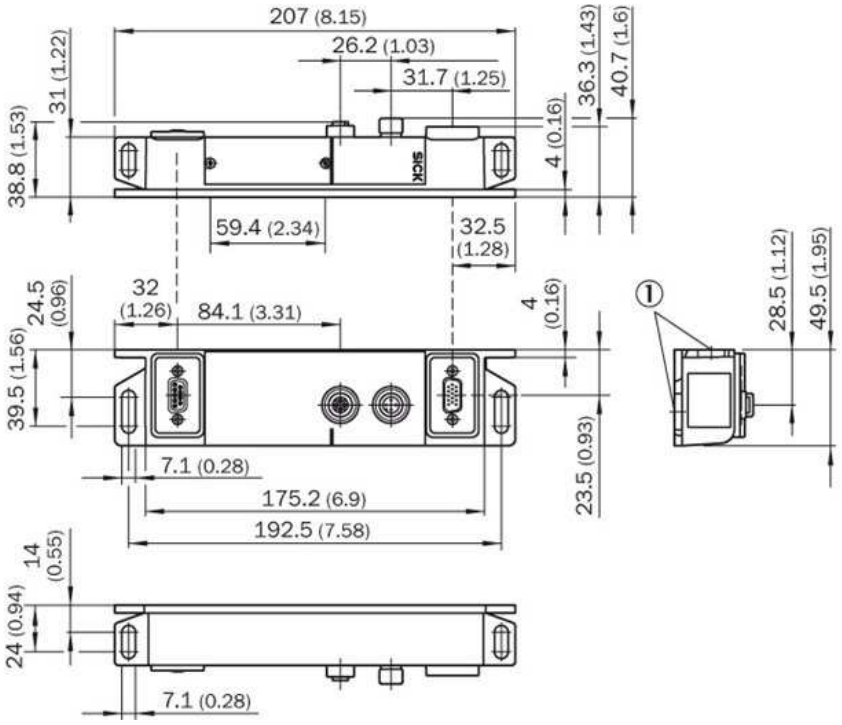
Electrical connection:	1 x 15-pin D Sub HD female connector (DEVICE), 1 x 5-pin M12 female connector (EXT. IN1), 1 x 5-pin M12 male connector (POWER), 1 x 9-pin D Sub female connector (PROFIBUS), 1 x USB female connector micro B (AUX)
Operating voltage:	10 V DC ... 30 V DC
Power consumption:	< 5 W, if no sensor is connected and digital switching input is not connected
Housing:	Aluminum (unpainted)
Enclosure rating:	IP 20 (EN 60068-2-17 (1995-05))
Protection class:	III
Weight:	375 g
Dimensions:	207 mm x 49.5 mm x 40.7 mm
Housing color:	Aluminum (unpainted)
Scanner connection:	RS-232

Ambient data

Electromagnetic compatibility (EMC):	EN 61000-6-3 (2007-01)/EN 61000-6-2 (2005-08)
Vibration resistance:	EN 60068-2-6 (2008-10)
Shock resistance:	EN 60068-2-27 (2010-02)
Ambient operating temperature:	-35 °C ... +50 °C
Storage temperature:	-35 °C ... +70 °C
Permissible relative humidity:	90 %, non-condensing

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Dimensional drawing



|1| For cylinder head screw M6 x 12

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