



Connectivity
CDF600-2 / CDF600-2 PROFIBUS DP

CDF600-2100



Model Name > CDF600-2100
Part No. > 1058965



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: 2 x M12, male connector/female connector, 5-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

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

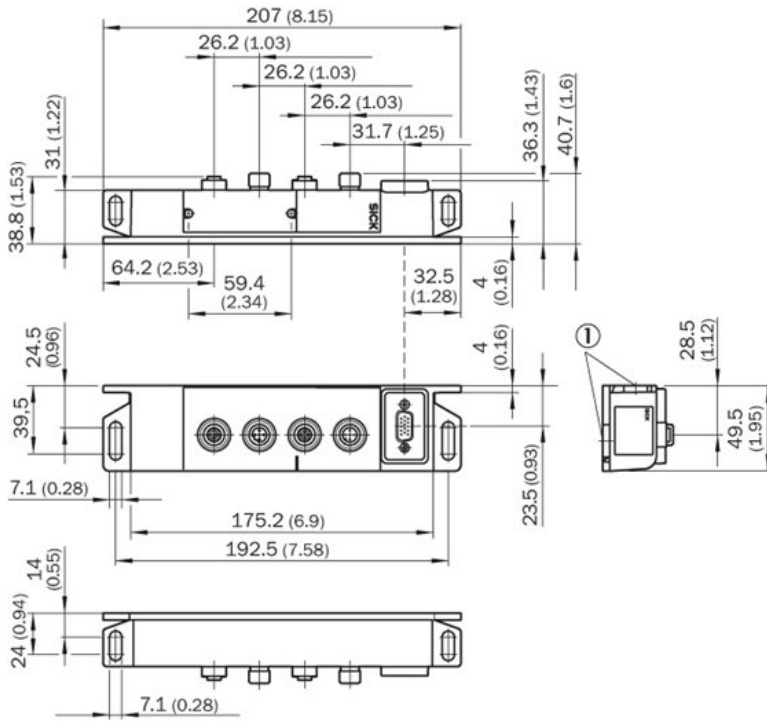
Mechanics/electronics

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 female connector (PB OUT), 1 x 5-pin M12 male connector (PB IN), 1 x 5-pin M12 male connector (POWER), 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 65 (EN 60068-2-17 (1995-05))
Protection class:	III
Weight:	385 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

Dimensional drawing



[1] For cylinder head screw M6 x 12

Australia

Phone +61 3 9457 0600
1800 33 48 02 – tollfree
E-Mail sales@sick.com.au

Belgium/Luxembourg

Phone +32 (0)2 466 55 66
E-Mail info@sick.be

Brasil

Phone +55 11 3215-4900
E-Mail marketing@sick.com.br

Canada

Phone +1 905 771 14 44
E-Mail information@sick.com

Česká republika

Phone +420 2 57 91 18 50
E-Mail sick@sick.cz

China

Phone +86 4000 121 000
E-Mail info.china@sick.net.cn
Phone +852-2153 6300
E-Mail ghk@sick.com.hk

Danmark

Phone +45 45 82 64 00
E-Mail sick@sick.dk

Deutschland

Phone +49 211 5301-301
E-Mail info@sick.de

España

Phone +34 93 480 31 00
E-Mail info@sick.es

France

Phone +33 1 64 62 35 00
E-Mail info@sick.fr

Great Britain

Phone +44 (0)1727 831121
E-Mail info@sick.co.uk

India

Phone +91-22-4033 8333
E-Mail info@sick-india.com

Israel

Phone +972-4-6881000
E-Mail info@sick-sensors.com

Italia

Phone +39 02 27 43 41
E-Mail info@sick.it

Japan

Phone +81 (0)3 5309 2112
E-Mail support@sick.jp

Magyarország

Phone +36 1 371 2680
E-Mail office@sick.hu

Nederland

Phone +31 (0)30 229 25 44
E-Mail info@sick.nl

Norge

Phone +47 67 81 50 00
E-Mail sick@sick.no

Österreich

Phone +43 (0)22 36 62 28 8-0
E-Mail office@sick.at

Polska

Phone +48 22 837 40 50
E-Mail info@sick.pl

România

Phone +40 356 171 120
E-Mail office@sick.ro

Russia

Phone +7-495-775-05-30
E-Mail info@sick.ru

Schweiz

Phone +41 41 619 29 39
E-Mail contact@sick.ch

Singapore

Phone +65 6744 3732
E-Mail sales.gsg@sick.com

Slovenija

Phone +386 (0)1-47 69 990
E-Mail office@sick.si

South Africa

Phone +27 11 472 3733
E-Mail info@sickautomation.co.za

South Korea

Phone +82 2 786 6321/4
E-Mail info@sickkorea.net

Suomi

Phone +358-9-25 15 800
E-Mail sick@sick.fi

Sverige

Phone +46 10 110 10 00
E-Mail info@sick.se

Taiwan

Phone +886 2 2375-6288
E-Mail sales@sick.com.tw

Türkiye

Phone +90 (216) 528 50 00
E-Mail info@sick.com.tr

United Arab Emirates

Phone +971 (0) 4 88 65 878
E-Mail info@sick.ae

USA/México

Phone +1(952) 941-6780
1 (800) 325-7425 – tollfree
E-Mail info@sickusa.com

More representatives and agencies
at www.sick.com