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Product data sheet



CDF600-2103

CDF600-2

4DPROCONNECTIVITY

SICK
Sensor Intelligence.

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CDF600-2103 | CDF600-2

4DPROCONNECTIVITY



Ordering information

Type	Part no.
CDF600-2103	1058966

Other models and accessories → www.sick.com/CDF600-2

Detailed technical data

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	Lector® series CLV61x - CLV65x CLV69x RFID read/write device Mobile hand-held scanners
Cloning module support (CMC)	Integrated
Supports display module (CMD)	No
Supports power supply module (CMP)	No
Supports fieldbus gateway (CMF)	No

Mechanics/electronics

Connection type	1 x 15-pin D Sub HD female connector (DEVICE) 1 x 5-pin M12 male connector (POWER) 1 x 5-pin M12 female connector (EXT. IN1) 1 x 9-pin D Sub female connector (PROFIBUS) 1 x USB female connector micro B (AUX)
Supply voltage	(10 V DC ... 30 V DC)
Power consumption	< 5 W, if no sensor is connected and the digital input is not connected
Housing	Aluminum (unpainted)
Housing color	Aluminum (unpainted)
Enclosure rating	IP20
Protection class	III
Weight	375 g
Dimensions (L x W x H)	207 mm x 49.5 mm x 40.7 mm
Scanner connection	RS-232

Interfaces

Serial	✓, RS-232
Function	AUX
Data transmission rate	57.6 kBaud
CAN	✓

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Remark	Depending on sensor connected
PROFIBUS DP	✓, DPV0
Function	Slave DPV0
Data transmission rate	9.6 kbit/s ... 12 Mbit/s, Automatic detection
Digital inputs	1
Digital outputs	0
Optical indicators	4 LEDs
Configuration software	SOPAS ET

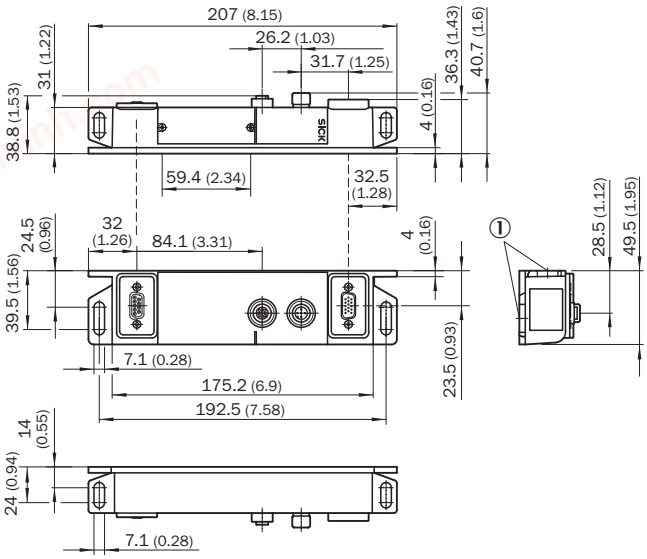
Ambient data

Electromagnetic compatibility (EMC)	EN 61000-6-3/A1:2011-03 / EN 61000-6-2:2005-08
Vibration resistance	EN 60068-2-6:2008-02
Ambient operating temperature	–35 °C ... +50 °C
Storage temperature	–35 °C ... +70 °C
Permissible relative humidity	< 90 %, Non-condensing

Classifications

ECl@ss 5.0	27242208
ECl@ss 5.1.4	27242608
ECl@ss 6.0	27242608
ECl@ss 6.2	27242608
ECl@ss 7.0	27242608
ECl@ss 8.0	27242608
ECl@ss 8.1	27242608
ECl@ss 9.0	27242608
ECl@ss 10.0	27242608
ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	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/CDF600-2

	Brief description	Type	Part no.
Plug connectors and cables			
	Head A: Flying leads Head B: Flying leads Cable: PROFIBUS DP, PUR, shielded	LTG-2102-MW	6021355
	Head A: female connector, M12, 5-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, shielded, 5 m	YF2A25-050UB6XLEAX	2095733
	Head A: male connector, USB-A Head B: male connector, Micro-B Cable: USB 2.0, unshielded, 2 m	USB cable	6036106
	Head A: female connector, M12, 12-pin, straight Head B: male connector, D-Sub-HD, 15-pin, straight Cable: Power, serial, CAN, digital I/Os, shielded, 3 m	YF2Z1B-030XXXMHDAC	2042914
	Head A: female connector, M12, 17-pin, straight Head B: male connector, D-Sub-HD, 15-pin, straight Cable: Power, serial, CAN, digital I/Os, shielded, 3 m	YF2Z1D-030XXXMHDAC	2055420

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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

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