



CDF600-2200

CDF600-2

4DPROCONNECTIVITY

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
CDF600-2200	1062460

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



Detailed technical data

Features

Brief description	Fieldbus proxy/gateway for connecting one identification sensor to PROFINET-IO networks (interface 2 x M12, female connector/female connector, 4-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 "DEVICE" connection, 15-pin D-sub HD female connector with seal 1 x "POWER" connection, 5-pin M12 plug, A-coded 1 x "EXT. IN 1" connection, 5-pin M12 female connector, A-coded 1 x "PROFINET P1" connection, 4-pin M12 socket, D-coded 1 x "PROFINET P2" connection, 4-pin M12 socket, D-coded 1 x "USB" connection, 5-pin micro-B socket, for configuration/diagnostics, behind screw-mounted cover
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	IP65
Protection class	III
Weight	361 g
Dimensions (L x W x H)	207 mm x 49.5 mm x 40.7 mm
Scanner connection	RS-232

Interfaces

PROFINET	✓
Function	PROFINET Dual Port
Data transmission rate	2-port Ethernet in accordance with IEEE 802.3 (baud rate 100 MBit/s, full-duplex transmission, 2-port switch, auto-negotiation, auto-crossover). Maximum data length is limited by the mode of communication (fragmentation protocol) to 4,000 bytes.
Serial	✓, RS-232

	Function	AUX
	Data transmission rate	57.6 kBaud
CAN		✓
	Remark	Depending on sensor connected
Digital inputs		1
Digital outputs		0
Optical indicators		6 LEDs
Configuration software		SOPAS ET

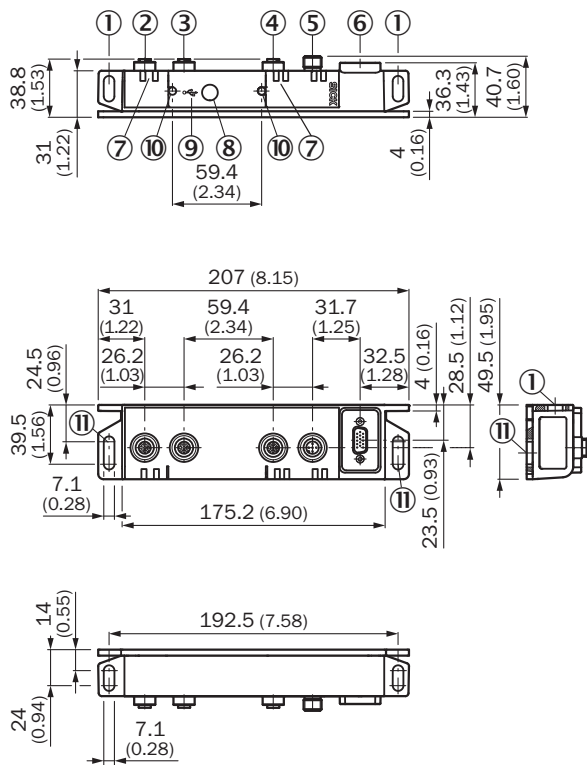
Ambient data

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 Elongated mounting hole (2 x), for mounting with M6 screw
- ② "PROFINET P2" connection, 4-pin M12 socket, D-coded
- ③ "PROFINET P1" connection, 4-pin M12 socket, D-coded
- ④ "EXT. IN 1" connection, 5-pin M12 female connector, A-coded
- ⑤ "POWER" connection, 5-pin M12 plug, A-coded
- ⑥ "DEVICE" connection, 15-pin D-sub HD female connector with seal
- ⑦ LED (6 x), status display (POWER, EXT. IN 1, SF, BF, P1 LNK/ACT, P2 LNK/ACT)
- ⑧ Rotary encoding switch „Mode“, for operating mode, behind screw-mounted cover
- ⑨ "USB" connection, 5-pin micro-B socket, for configuration/diagnostics, behind screw-mounted cover
- ⑩ Screw (Torx T8), captive (2 x), for cover
- ⑪ Elongated mounting hole (2 x), for mounting with M6 screw

Recommended accessories

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

	Brief description	Type	Part no.
Plug connectors and cables			
	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, M12, 4-pin, straight, D-coded Head B: male connector, M12, 4-pin, straight, D-coded Cable: PROFINET, PVC, shielded, 2 m	SSL-1204-G02MZ90	6048241
	Head A: male connector, USB-A Head B: male connector, Micro-B Cable: USB 2.0, unshielded, 2 m	USB cable	6036106

	Brief description	Type	Part no.
	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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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.”

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