



CDF600-2200 - V2.x, NetX51

CDF

NETWORK DEVICES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
CDF600-2200 - V2.x, NetX51	1062460

Other models and accessories → www.sick.com/CDF



Detailed technical data

Features

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

Mechanics/electronics

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)
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	✓, RS-232
Remark	Depending on sensor connected
Function	PROFINET Dual Port
Data transmission rate	57.6 kBaud, 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
Remark	Depending on sensor connected
Function	Service interface

Data transmission rate	57.6 kBaud
CAN	✓
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
Shock resistance	EN 60068-2-27:2009-05
Ambient operating temperature	-35 °C ... +50 °C
Storage temperature	-35 °C ... +70 °C
Permissible relative humidity	< 90 %, Non-condensing

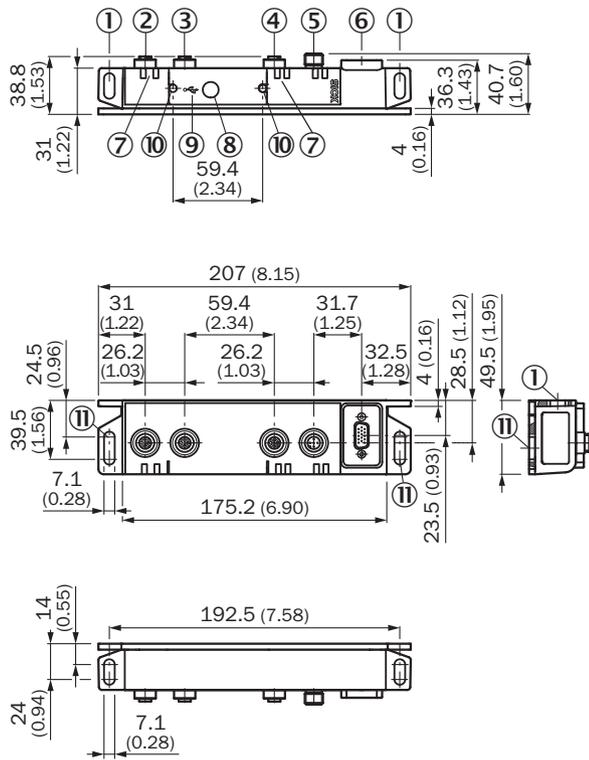
Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
cULus certificate	✓
Profinet certificate	✓

Classifications

ECLASS 5.0	27242208
ECLASS 5.1.4	27242608
ECLASS 6.0	27242608
ECLASS 6.2	27242608
ECLASS 7.0	27242608
ECLASS 8.0	27242608
ECLASS 8.1	27242608
ECLASS 9.0	27242608
ECLASS 10.0	27242608
ECLASS 11.0	27242608
ECLASS 12.0	27242608
ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604
ETIM 8.0	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 female connector, 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

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	Brief description	Type	part no.
connectors and cables			
	<ul style="list-style-type: none"> • Connection type head A: Male connector, Micro-B, 4-pin, straight • Connection type head B: Male connector, USB-A, 4-pin, straight • Signal type: USB 2.0 • Cable: 2 m, 4-wire • Description: USB 2.0, unshielded 	USB cable	6036106
	<ul style="list-style-type: none"> • Connection type head A: Female connector, M12, 5-pin, straight, A-coded • Connection type head B: Flying leads • Signal type: Sensor/actuator cable • Cable: 5 m, 5-wire, PUR, halogen-free • Description: Sensor/actuator cable, shielded • Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation 	YF2A25-050UB6XLEAX	2095733
	<ul style="list-style-type: none"> • Connection type head A: Male connector, M12, 4-pin, straight, D-coded • Connection type head B: Male connector, M12, 4-pin, straight, D-coded • Signal type: Ethernet, PROFINET • Cable: 2 m, 4-wire, PUR, halogen-free • Description: Ethernet, shielded, PROFINET • Application: Drag chain operation, Zones with oils and lubricants 	YM2D24-020P-N1M2D24	2106159
	<ul style="list-style-type: none"> • Connection type head A: Female connector, M12, 5-pin, straight, A-coded • Connection type head B: Flying leads • Signal type: Sensor/actuator cable • Cable: 2 m, 5-wire, PUR, halogen-free • Description: Sensor/actuator cable, shielded • Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation 	YF2A25-020UB6XLEAX	2145583
	<ul style="list-style-type: none"> • Connection type head A: Female connector, M12, 5-pin, straight, A-coded • Connection type head B: Flying leads • Signal type: Sensor/actuator cable • Cable: 1 m, 5-wire, PUR, halogen-free • Description: Sensor/actuator cable, shielded • Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation 	YF2A25-010UB6XLEAX	2145582
	<ul style="list-style-type: none"> • Connection type head A: Female connector, M12, 5-pin, straight, A-coded • Connection type head B: Flying leads • Signal type: Sensor/actuator cable • Cable: 0.6 m, 5-wire, PUR, halogen-free • Description: Sensor/actuator cable, shielded • Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation 	YF2A25-C60UB6XLEAX	2145581

SICK AT A GLANCE

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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.”

WORLDWIDE PRESENCE:

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