



Connectivity CDF600-2

CDF600-2200



Model Name > CDF600-2200
Part No. > 1062460



At a glance

- Flexible mounting on all standard profiles
- Flexible PROFINET IO connection via two M12 plug connectors
- Code switch for setting the operating mode
- Six 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
- Integrated switch for easy implementation of line topologies
- Code switch that is mounted so it is protected against accidental adjustment and is easily accessible from the outside for easy setup of operating mode without complex software
- Clear status LEDs that are identifiable on two sides from any viewing direction for simple and effective diagnosis
- 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 one identification sensor to PROFINET-IO networks (interface 2 x M12, socket/socket, 4-pin)
Supported products:	CLV61x, CLV62x, CLV63x, CLV64x, CLV65x, CLV69x, IDM140, IDM160, IDM240, IDM260, LECTOR®62x, RFH6xx, RFU63x
Supports cloning module (CMC):	Integrated
Supports display module (CMD):	No
Supports power supply module (CMP):	No
Supports fieldbus gateway (CMF):	Integrated (PROFINET IO)

Interfaces

Serial (RS-232):	✓
Function (Serial (RS-232)):	AUX
Data transmission rate (Serial (RS-232)):	57.6 Baud
Ethernet:	✓
Function (Ethernet):	Slave

Data transmission rate (Ethernet):	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.
Protocol (Ethernet):	PROFINET
CAN bus:	✓
Remark (CAN bus):	Depending on sensor connected
PROFIBUS DP:	-
DeviceNet:	-
Switching inputs:	1
Switching outputs:	0
Optical indicators:	6 LEDs

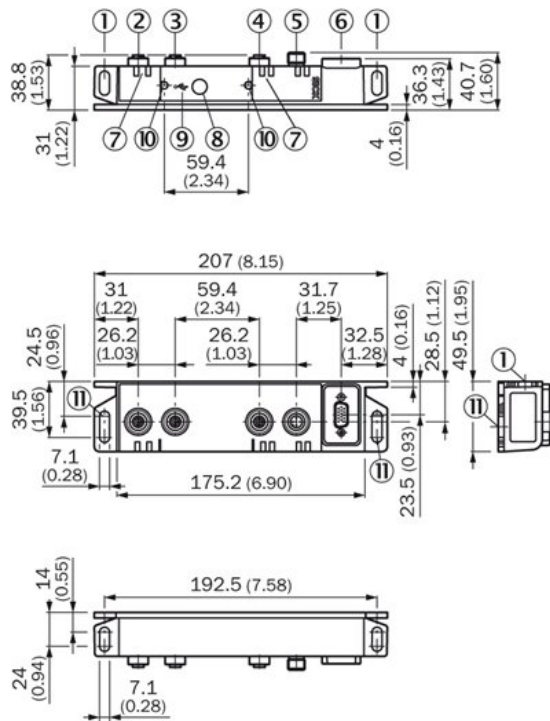
Mechanics/electronics

Electrical connection:	1 x 15-pin D Sub HD socket (DEVICE) 1 x 5-pin M12 plug (POWER) 1 x 5-pin M12 socket (EXT. IN1) 1 x 4-pin M12 socket (P1 PROFINET) 1 x 4-pin M12 socket (P2 PROFINET) 1 x USB socket 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 (EN 60950-1 (2011-01))
Weight:	361 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 (2011-09)/EN 61000-6-2 (2006-03)
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] 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] "USB" connection, 5-pin micro-B socket, for configuration/diagnostics, behind screw-mounted cover
- [5] Rotary encoding switches (1 x), for operating mode, behind screw-mounted cover
- [6] "EXT. IN 1" connection, 5-pin M12 socket, A-coded
- [7] "POWER" connection, 5-pin M12 plug, A-coded
- [8] "DEVICE" connection, 15-pin D-sub HD socket with seal
- [9] LED (8 x), status display (POWER, EXT. IN 1, SF, BF, P1 LNK/ACT, P2 LNK/ACT)
- [10] screw (Torx T2), captive (2 x), for cover
- [11] Elongated mounting hole
(2 x), for mounting with M6 screw

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