ONLINE DATA SHEET
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Connectivity
CDF600-2 / CDF600-2 PROFINET IO AIDA

CDF600-2201

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Model Name > CDF600-2201
Part No. > 1063390

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 one identification sensor to PROFINET-IO networks (interface 2 x RJ45 AIDA, female connector/female connector, 4-pin)
Supported products:	CLV61x, CLV62x, CLV63x, CLV64x, CLV65x, CLV69x, IDM12x, IDM14x, IDM16x, IDM24x, IDM26x, Lector®62x, Lector®65x, RFH6xx, RFU62x, 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 kBaud

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Ethernet:	✓
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:	-
PROFIBUS DP:	-
DeviceNet:	-
Switching inputs:	1
Switching outputs:	0
Optical indicators:	8 LEDs
Configuration software:	SOPAS ET

Mechanics/electronics

Electrical connection:	1 x “DEVICE” connection, 15-pin D-sub HD female connector with seal, 1 x “EXT. IN 1” connection, 5-pin M12 female connector, A-coded, 1 x “P1 PROFINET” connection, 8-pin RJ45 female connector, push-pull AIDA compliant, 1 x “P2 PROFINET” connection, 8-pin RJ45 female connector, push-pull AIDA compliant, 1 x “USB” connection, 5-pin micro-B socket, for configuration/diagnostics, behind screw-mounted cover, 2 x “POWER” connection, 5-pin power male connector, push-pull AIDA compliant
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:	690 g
Dimensions:	47.4 mm x 270.1 mm x 74.7 mm
Housing color:	Aluminum (unpainted)
Scanner connection:	RS-232

Ambient data

Electromagnetic compatibility (EMC):	EN 61000-6-3 (2007-01) + A1 (2011)/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

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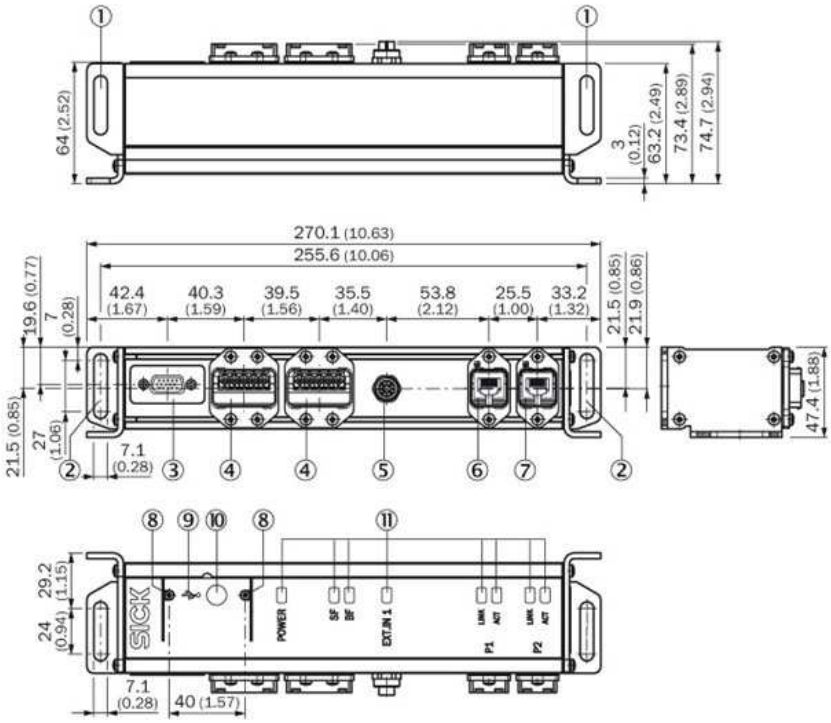
Dimensional drawing



|1| Elongated mounting hole, 24 mm, unpainted (2 x), for mounting
|2| Elongated mounting hole, 27 mm, unpainted (2 x), alternativ for mounting
|3| "DEVICE" connection, 15-pin D-sub HD female connector with seal
|4| "POWER" connection, 5-pin power male connector, push-pull AIDA compliant
|5| "EXT. IN 1" connection, 5-pin M12 female connector, A-coded
|6| "P1 PROFINET" connection, 8-pin RJ45 female connector, push-pull AIDA compliant
|7| "P2 PROFINET" connection, 8-pin RJ45 female connector, push-pull AIDA compliant
|8| screw (Torx T8), captive (2 x), for hinged cover
|9| "USB" connection, 5-pin micro-B socket, for configuration/diagnostics, behind screw-mounted cover
|10| Rotary encoding switch „Mode", for operating mode, behind screw-mounted cover
|11| LED (8 x), status display (POWER, SF, BF, EXT. IN 1, P1 LNK, P1 ACT, P2 LNK, P2 ACT)

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