



Connectivity CDF600

CDF600-01110



Model Name > CDF600-0110
Part No. > 1041252



At a glance

- Simple mounting saves time on installation, commissioning, and provides flexibility for different application environments
- All electrical connections are pluggable
- Three rotary switches for setting the PROFIBUS addresses or PROFIBUS mode
- 6 LEDs for status and error display

Your benefits

- A two-screw system makes mounting quick and easy
- Electrical installation is quick since all connections are established with plugs
- Small size and simple setup enables fast installation, even in compact machines
- Easy diagnosis via 6 LEDs

The product has been discontinued. Please follow the "replacement product" link for information about alternative products.



Features

Brief description:	CDF600 Field bus proxy for connection of corded hand held scanners IDM1xx, IT38xx, IT4x00, IT6300 to PROFIBUS network using adapter cable (Part No. 2052283) plus standard RS-232 cable (e.g. Part No. 6041540 for IDM1xx or 6028186 for ITxxxx)
Supported products:	5-V hand-held scanner
Supports cloning module (CMC):	No
Supports display module (CMD):	No
Supports power supply module (CMP):	No
Supports fieldbus gateway (CMF):	Integrated (PROFIBUS DP)

Interfaces

Serial (RS-232):	✓
Data transmission rate (Serial (RS-232)):	57.6 kBaud
Ethernet:	-
CAN bus:	-
PROFIBUS DP:	✓
Function (PROFIBUS DP):	Slave
Data transmission rate (PROFIBUS DP):	9.6 kbit/s ... 12 Mbit/s, autodetect
DeviceNet:	-
Switching inputs:	2
Switching outputs:	2
Optical indicators:	6 LED

Configuration software: SOPAS ET

Mechanics/electronics

Electrical connection: 1 x 15-pin D Sub HD female connector (DEVICE) 12 V, max. 500 mA, 1 x 4-pin M8 female connector (AUX), 1 x 5-pin M12 female connector (PROFIBUS OUT), 1 x 5-pin M12 male connector (POWER), 1 x 5-pin M12 male connector (PROFIBUS IN), 3 x 5-pin M12 female connector (IN 1, IN 2, OUT 1/2)

Operating voltage: 18 V DC ... 30 V DC

Power consumption: 7 W, if no sensor is connected and digital switching inputs and outputs are not connected

Housing: Die-cast aluminum

Enclosure rating: IP 65 (DIN 40 050) ¹⁾

Protection class: III

Weight: 590 g

Dimensions: 225 mm x 76.5 mm x 47 mm ²⁾

Housing color: Light blue (RAL 5012)

Scanner connection: RS-232

¹⁾ When using a SICK scanner standard connecting cable ²⁾ Without plugged-in connections

Ambient data

Electromagnetic compatibility (EMC): EN 61000-6-4 (2007-01)/EN 61000-6-2:2005

Vibration resistance: EN 60068-2-6 (1995)

Shock resistance: EN 60068-2-27 (1993)

Ambient operating temperature: -35 °C ... +50 °C

Storage temperature: -35 °C ... +70 °C

Permissible relative humidity: ± 90 %, non-condensing

General notes

Life cycle phase: Phased out

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