



Connectivity CDF600

CDF600-0120



Model Name > CDF600-0120
Part No. > 1056443



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
- Integrated parameter storage
- 6 LEDs for status and error display
- Integrated CAN interface

Your benefits

- A two-screw system makes mounting quick and easy
- Electrical installation is quick since all connections are established with plugs
- Auto detect: Sensor and CDF600 detect each other automatically
- Quick sensor exchange due to integrated parameter memory
- Small size and simple setup enables fast installation, even in compact machines
- Easy diagnosis via 6 LEDs



Features

Brief description:	CDF600 fieldbus proxy to connect a RFU63x to a PROFIBUS network
Supported products:	RFU63x
Supports cloning module (CMC):	Integrated
Supports fieldbus gateway (CMF):	Integrated (PROFIBUS DP)

Interfaces

Serial (RS-232):	✓
Function (Serial (RS-232)):	AUX
Data transmission rate (Serial (RS-232)):	57.6 kBaud
Ethernet:	-
CAN bus:	✓
Remark (CAN bus):	Depending on sensor connected
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

Mechanics/electronics

Electrical connection:	1 x 15-pin D Sub HD socket (DEVICE) 3 x 5-pin M12 socket (IN 1, IN 2, OUT 1/2) 1 x 5-pin M12 socket (PROFIBUS OUT) 1 x 5-pin M12 plug (PROFIBUS IN) 1 x 5-pin M12 plug (POWER) 1 x 4-pin M8 socket (AUX)
Operating voltage:	22 V DC ... 30 V DC
Power consumption:	< 30 W, for the combination of CDF600-0120 and connected RFID interrogator
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:	0 °C ... 35 °C
Storage temperature:	0 °C ... 70 °C
Permissible relative humidity:	± 90 %, non-condensing

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