



Connectivity
CDF600 / CDF600 EtherCAT

CDF600-0300



Model Name > [CDF600-0300](#)
Part No. > [1052291](#)



At a glance

- Field bus module for easy integration of a SICK bar code scanner CLV6xx as a participant into an EtherCAT network
- All electrical connections are pluggable
- Integrated parameter storage
- 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
- Auto detect: Sensor and CDF600-0300 detect each other automatically
- Quick sensor exchange due to integrated parameter memory
- Easy mechanical installation due to the very compact size
- Easy diagnosis via 6 LEDs



Features

Brief description:	Fieldbus proxy/gateway to connect to a EtherCAT network
Supported products:	CLV62x, CLV63x, CLV64x, CLV65x, IDM12x, IDM14x, IDM16x, IDM24x, IDM26x
Supports cloning module (CMC):	Integrated
Supports display module (CMD):	No
Supports power supply module (CMP):	No
Supports fieldbus gateway (CMF):	Integrated (EtherCAT)

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:	-
Switching inputs:	2
Switching outputs:	2
Optical indicators:	7 LEDs (OUT 1/2 doubly occupied)
Configuration software:	SOPAS ET
EtherCAT:	1

Function (EtherCAT): Slave

Mechanics/electronics

Electrical connection:	1 x 15-pin D Sub HD female connector (DEVICE), 1 x 4-pin M8 female connector (AUX), 1 x 5-pin M12 female connector (ECAT IN), 1 x 5-pin M12 female connector (ECAT OUT), 1 x 5-pin M12 male connector (POWER), 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:	47 mm x 225 mm x 76.5 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 (2005-08)
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

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