



CDF600-0300

Connection Device Fieldbus

4DPROCONNECTIVITY

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
CDF600-0300	1052291

Other models and accessories → www.sick.com/Connection_Device_Fieldbus



Detailed technical data

Features

Brief description	Fieldbus proxy/gateway for connecting a sensor to EtherCAT networks
Supported products	CLV61x - CLV65x Mobile handheld scanners RFH6xx RFU62x Lector62x
Cloning module support (CMC)	Integrated
Supports display module (CMD)	No
Supports power supply module (CMP)	No
Supports fieldbus gateway (CMF)	No

Mechanics/electronics

Connection type	1 x 15-pin D Sub HD female connector (DEVICE) 3 x 5-pin M12 female connector (IN 1, IN 2, OUT 1/2) 1 x 4-pin M12 female connector (ECAT OUT) 1 x 4-pin M12 female connector (ECAT IN) 1 x 5-pin M12 male connector (POWER) 1 x 4-pin M8 female connector (AUX)
Supply voltage	(18 V DC ... 30 V DC)
Power consumption	7 W, if no sensor is connected and digital inputs and outputs are not connected
Housing	Aluminum die cast
Housing color	Light blue (RAL 5012)
Enclosure rating	IP65 ¹⁾
Protection class	III
Weight	590 g
Dimensions (L x W x H)	47 mm x 225 mm x 76.5 mm ²⁾
Scanner connection	RS-232

¹⁾ When using a standard connection cable for scanners by SICK.

²⁾ Without plugged-in connections.

Interfaces

Serial	✓, RS-232, RS-422, RS-485
Remark	Depending on sensor connected

CAN	Remark	Depending on sensor connected
Digital inputs		2
Digital outputs		2
Optical indicators		7 LEDs (OUT 1/2 doubly occupied)
Configuration software		SOPAS ET

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

Classifications

eCl@ss 5.0	27242208
eCl@ss 5.1.4	27242608
eCl@ss 6.0	27242608
eCl@ss 6.2	27242608
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608
eCl@ss 8.1	27242608
eCl@ss 9.0	27242608
eCl@ss 10.0	27242608
eCl@ss 11.0	27242608
eCl@ss 12.0	27242608
ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604
ETIM 8.0	EC001604
UNSPSC 16.0901	32151705

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com