Model Number

CBX800-KIT-B17

Connection module for RS-232 and RS-485 enabled devices

Features

- PROFINET interface
- Easy scanner connection by means of clamp terminals

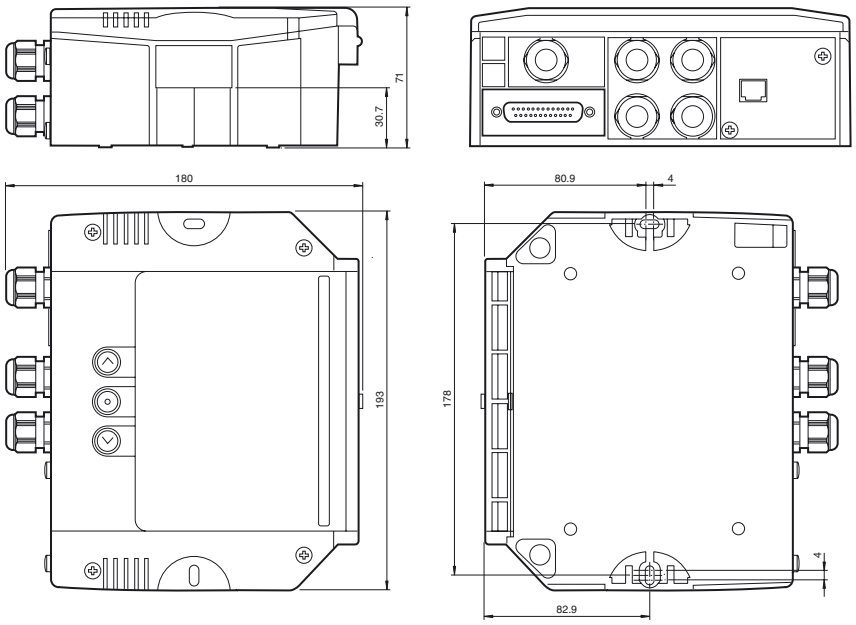
Function

Devices from the CBX* series enable bar-code scanners to be connected quickly and easily. A wide variety of connections also allows other field devices to be connected.
By reducing installation time and the number of system failures when a device is replaced, your operating costs will be significantly lower.
Standardized pinning of connections and simple attachment of cable ends using spring terminals ensures easy cable installation.
To facilitate installation of the device, the continuous mounting holes are easy to access and the top section of housing can be removed.

Technical Data

Indicators/operating means		
Display elements		8 LEDs (POWER, ERROR, TRIGGER, IN 2, OUT 1, OUT 2, READY, HOST)
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC PELV
Current consumption		max. 2.5 A
Power consumption	P_0	max. 3 W
Interface		
Physical		Ethernet
Protocol		PROFINET IO
Transfer rate		100 MBit/s
Ambient conditions		
Ambient temperature		0 ... 50 °C (32 ... 122 °F)
Storage temperature		-20 ... 70 °C (-4 ... 158 °F)
Relative humidity		90 % , noncondensing
Shock resistance		30G ; 11 ms ; 3 impacts on each axis
Vibration resistance		1.5 mm ; 10 ... 55 Hz ; 2 hours on each axis
Mechanical specifications		
Degree of protection		IP20
Connection		25-pin Sub-D socket for Barcode scanner , M16 cable gland for system connection (5x) , RJ-45 socket, 8-pin
Material		
Housing		PC (Polycarbonate)
Mass		780 g
Compliance with standards and directives		
Directive conformity		89/336 EWG
Standard conformity		
Noise immunity		EN 61000-6-2
Degree of protection		EN 60529
Shock and impact resistance		EN 60068-2-27
Vibration resistance		EN 60068-2-6

Dimensions



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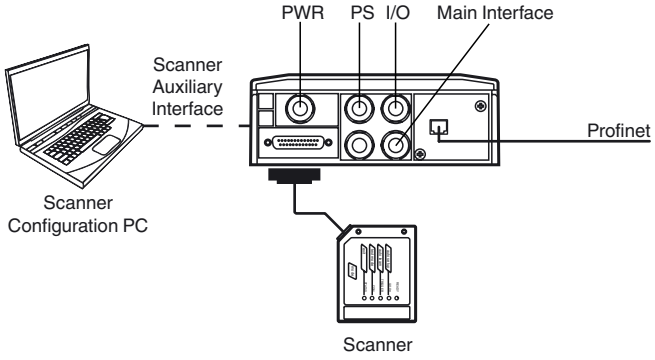
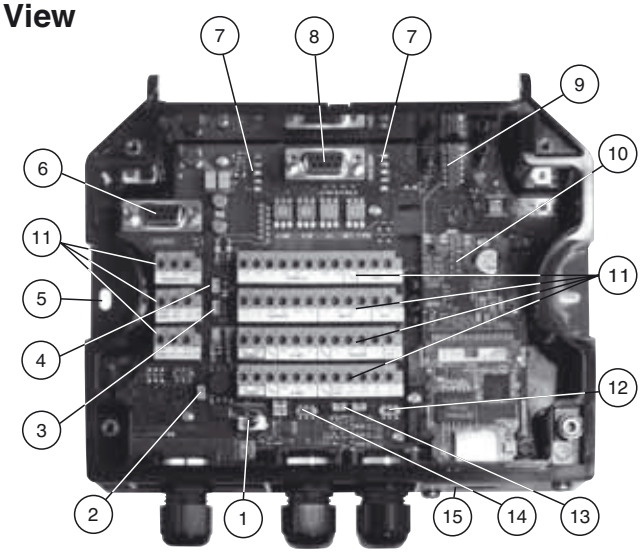
Electrical connection



Electrical connection

Inside View



1	Power switch (on/off)
2	Adjustment of Chassis grounding via Jumper
3	Adjustment of Source shield via Jumper
4	Adjustment of Power source via Jumper
5	Mounting Holes (2x)
6	Data source port connector
7	LEDs
8	Serial Interface (SUB-D, 9-pin)
9	IP65 Fieldbus Module Connector
10	Profinet printed circuit board
11	Terminal Block
12	RS 485 Termination resistance switch
13	Adjustment of ID-NET/Host shield via Jumper
14	ID-NET Termination resistance switch
15	Profinet Connector

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