CE

Model Number

CBX100

Connector box for barcode scanner

Features

- Connect up to 32 scanners to a network with ID-Net^{TM}
- Option of upgrading with memory module
- Easy scanner connection by means of clamp terminals
- Degree of protection IP65

Function

CBX100 enables quick and easy connection of barcode scanners.

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.

The configuration of the connected scanner can be saved in backup modules and restored at a later date.

To facilitate installation of the device, the continuous mounting holes are easy to access and the top section of housing can be removed. Note: Avoid mechanical stress, such as screwing the housing cover together, in deep-freeze areas.

Technical Data

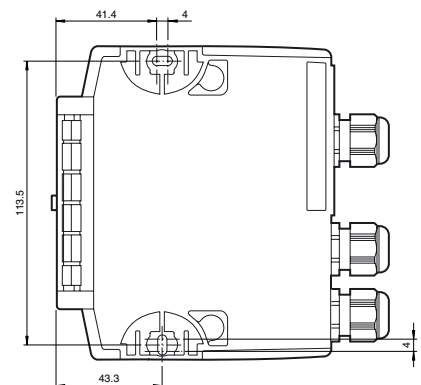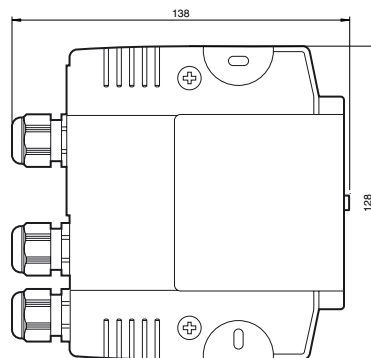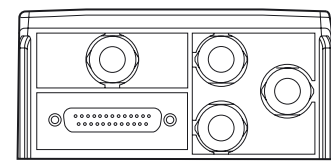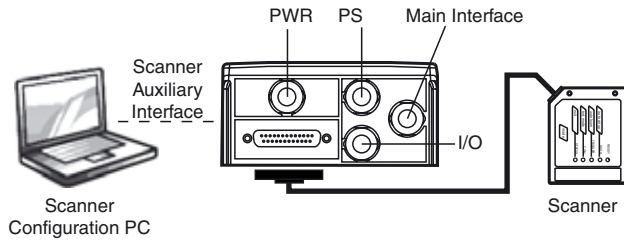| Indicators/operating means		
Display elements		5 LEDs (POWER, TRIGGER, IN 2, OUT 1, OUT 2)
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC
Current consumption		max. 2.5 A
Power consumption	P_0	max. 3 W
Ambient conditions		
Ambient temperature		-35 ... 50 °C (-31 ... 122 °F) Mount, connect, and configure only between 0° ... 50°
Storage temperature		-20 ... 70 °C (-4 ... 158 °F)
Relative humidity		90 % , noncondensing
Shock resistance		EN 60068-2-27 30G 11 ms ; 3 impacts on each axis
Vibration resistance		EN 60068-2-6 1.5 mm 10 ... 55 Hz ; 2 hours on each axis
Mechanical specifications		
Degree of protection		IP65
Connection		25-pin Sub-D socket for Barcode scanner , M16 cable gland for system connection (4x)
Material		
Housing		PC (Polycarbonate)
Mass		380 g
Compliance with standards and directives		
Directive conformity		89/336 EWG
Standard conformity		
Product standard		EN 60947-5-2:2007 IEC 60947-5-2:2007
Noise immunity		EN 61000-6-2
Degree of protection		EN 60529

Dimensions

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

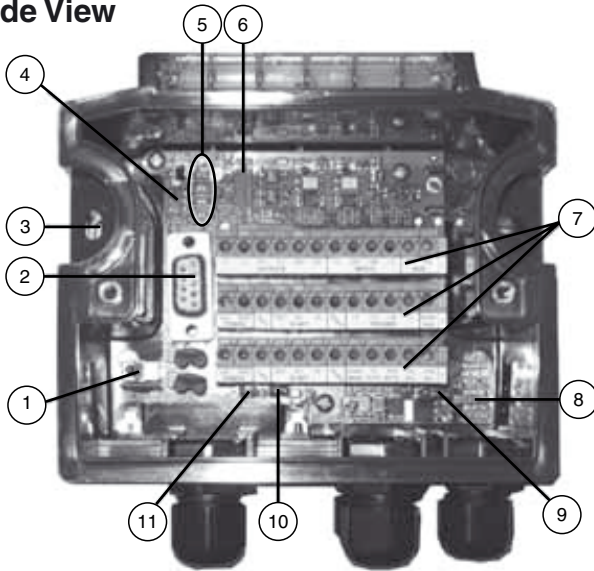| Pepperl+Fuchs Group | USA: +1 330 486 0001 | Germany: +49 621 776 4411 | Singapore: +65 6779 9091 |
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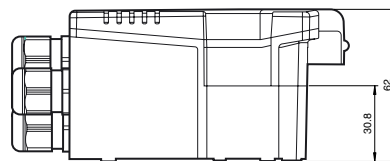
Electrical connection

Electrical connection

Inside View

1	Power Switch (on/off)		8	RS485 Terminator Switch
2	Serial Interface (SUB-D, 9-pin)		9	External Power Source (on/off)
3	Mounting Holes (2x)		10	Adjustment of Shield to Protection Earth via Jumper
4	ID-NET Terminator Switch		11	Adjustment of Chassis Grounding via Jumper
5	LEDs			
6	Backup Module connector			
7	Terminal Block			

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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