

CBX800

Industrial Gateway

Highlights

CBX800 is an industrial gateway allowing connection of devices equipped with a standard RS232 communication interface to the most common fieldbus systems, by means of a complete range of optional modules, and to ID-NET™ high speed communication network.

• FLEXIBILITY

The CBX800 is a modular and flexible industrial gateway that, with the same model, allows to interface several devices equipped with a standard RS232 communication port (e.g. Datalogic Automation's 6K and 8K series, Hand Held Readers) to different networks.

• CONNECTIVITY

A large number of communication interfaces are provided to satisfy all the most common demands. Three serial ports and high speed ID-NET™ communication interface, always available, can be combined with a complete range of optional modules providing connectivity to standard Ethernet network or to the most common fieldbus systems.

• EASE OF INSTALLATION

Installation is simplified thanks to accessible through-holes for mounting screws with closed box. Optional adapters are available for fast fixing to Bosch profiles and DIN rail mounting. Moreover, the accessible spring clamps allow easy cabling operation.

• EASE OF SETUP

CBX800 parameters are accessible through Genius™, the multi-language SW configuration tool that helps to speed up the interfacing to a network. In addition, the embedded HW switches allow easy network type and network address selection.

• INDUSTRIAL FEATURES

CBX800 features IP65 (NEMA 4) protection class and an operating temperature up to +50 °C (+122 °F).



Features

- Serial to Fieldbus industrial gateway
- Serial to Ethernet TCP/IP industrial gateway
- Open architecture allows flexible interfacing to Ethernet TCP/IP, Profibus, DeviceNet, Ethernet/IP and other common networks
- Serial to ID-NET™ industrial gateway
- Flexible mounting and simplified wiring to speed up the installation
- Power, Communication and I/O LED indicators and convenient Power on/off switch
- Multi-language Genius™ SW Tool allows rapid device configuration
- IP65 (NEMA 4) rated industrial design

Applications

- Manufacturing
- Shop floor
- Warehousing

CBX800

Specifications

Applications

Models

| P/N | Description |
|-----------|----------------|
| 93A301077 | CBX800 GATEWAY |

Accessories

| P/N | Description |
|-----------|---------------------------------------|
| 93ACC1851 | BM200 ETHERNET TCP/IP MODULE |
| 93ACC1852 | BM210 ETHERNET TCP/IP IP65 MODULE |
| 93ACC1810 | BM300 PROFIBUS MODULE |
| 93ACC1811 | BM310 PROFIBUS IP65 MODULE |
| 93ACC1814 | BM400 DEVICENET MODULE |
| 93ACC1812 | BM500 ETHERNET/IP MODULE |
| 93ACC1813 | BM510 ETHERNET/IP IP65 MODULE |
| 93ACC1840 | BM520 ETHERNET/IP IP54 MODULE |
| 93ACC1815 | BM600 CAN OPEN MODULE |
| 93ACC1816 | BM700 PROFINET MODULE |
| 93ACC1845 | BM1100 CC-LINK MODULE |
| 93ACC1848 | BM1200 MODBUS TCP MODULE |
| 93ACC1849 | BM1210 MODBUS TCP IP65 MODULE |
| 93ACC1821 | BA100 DIN RAIL ADAPTERS |
| 93ACC1822 | BA200 BOSCH ADAPTERS |
| 93ACC1847 | BA900 TWO CABLE GLANDS PANEL |
| 93ACC1827 | ADP-FF1 GENDER CHANGER 25P F/F (5PCS) |

Technical Data

| | |
|-------------------------------|--|
| Dimensions (L x W x H): | 193 x 180 x 71 mm (7.60 x 7.09 x 2.79 in.) |
| Weight: | 830 g, (29.28 oz.) |
| Power Supply: | 10 to 30 VDC |
| Power Consumption: | 2.5 W max |
| Operating Temperature: | 0 to 50 °C (32 to 122 °F) |
| Storage Temperature: | -20 to 70 °C (-4 to 158 °F) |
| Humidity: | 90% non condensing |
| Protection Class: | IP65 |
| Shock Resistance: | EN 60068-2-27 30G; 11ms; 3 shocks on each axis |
| Vibration Resistance: | EN 60068-2-6 1.5mm; 10 to 55 Hz; 2 hours on each axis |
| Diagnostic Leds: | Power On/Polarity Error, Trigger, IN2, OUT1, OUT2, Ready, Host Interface 1, Host Interface 2, ID-NET, OUT3 |
| Communication Interfaces: | Auxiliary: RS232 up to 115.2 Kbit/s Data Source: RS232 up to 115.2 Kbit/s Host Interface: RS232/RS485 up to 115.2 Kbit/s ID-NET™ port up to 1 Mbps Optional Host Interface modules |
| Communication Protocol: | Datalogic Application Driver (DAD Driver) |
| Handshaking: | Message fragmentation and flow control |
| Address Setting: | HW Switches, Genius™ |
| Exchange Memory For I/O Data: | Up to 128 bytes |
| Device Programming: | Windows™ based SW (Genius™) via Serial or Ethernet link Serial Host Mode Programming sequences |
| Compatible devices: | All devices supporting standard RS232 communication interface |



Manufacturing

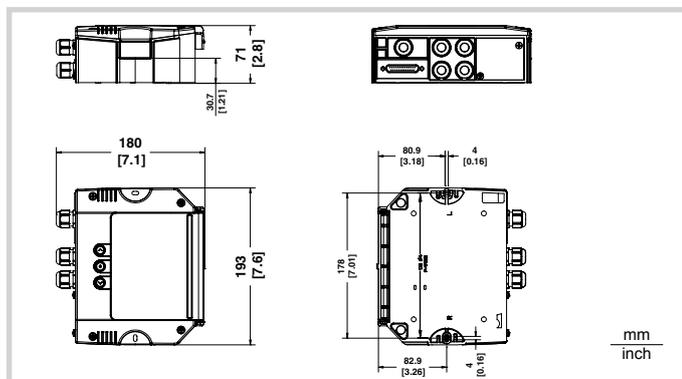


Warehousing



Shop floor

CBX800 INDUSTRIAL GATEWAY DIMENSIONS



HOST INTERFACE MODULE



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For more information and software downloads see: www.automation.datalogic.com/CBX800

DATALOGIC™

DATALOGIC AUTOMATION