FIELDBUS CONVERTER FBC9080

DATALOGIC
EMPOWER YOUR VISION

ENHANCING CONNECTIVITY

The FBC9080 Fieldbus Converter is a compact-size industrial gateway allowing the connection of devices equipped with a standard RS-232 communication interface into PROFINET IO and EtherNet/IP networks.

With the FBC9080 converter, Datalogic's hand held scanners add industrial fieldbus connectivity support to the most common PLC. The fieldbus converter supports fast communication speeds, making it suitable for high-end industrial devices.

DESIGNED FOR INDUSTRIAL ENVIRONMENTS

The Fieldbus Converter FBC9080 sustains different installation options and provides a dual port switch. The industrial M12 connectors with IP65 protection are perfect to use in demanding industrial Ethernet applications.

ONE CONFIGURATOR FOR ALL THE DEVICES

Datalogic's Aladdin™ configuration program provides user-friendly features that simplify the start-up procedure, even for inexperienced users. A rotary switch placed under the cover of the Fieldbus Converter FBC9080 allows the user to access the FBC9080-Nx00 to configure it, modify its behavior, or access the connected scanner configuration. The scanner and FBC9080-Nx00 can also be configured using the Aladdin software through an Ethernet connection.

FEATURES

- Serial to PROFINET, EtherNet/IP, Ethernet TCP/IP industrial gateway
- Flexible mounting
- Visible Power, Communication and I/O indicators
- Integrated dual port switch
- Industrial M12 connectors
- IP65 rated industrial design
- Datalogic's Aladdin™ software for device and scanner configuration allows rapid device configuration
- Rotary switch to access easy product configuration

INDUSTRY – APPLICATION

- Manufacturing Automotive and Electronics, Food, Packaging, Logistics:
  - Full traceability
  - Work-in-progress
  - Intralogistics
- Warehouse / Logistic Center:
  - Forklift picking applications
  - Shipping / Receiving

In-Position Technologies

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DATALOGIC **5 YEAR WARRANTY**

TECHNICAL SPECIFICATIONS

COMMUNICATION PARAMETERS

Communication Interfaces	Ethernet TCP/IP, PROFINET, EtherNet/IP
Communication Protocol	Datalogic Application Driver (DAD Driver)
Default Network Settings	IP: 192.168.187.31 Netmask: 255.255.255.0 Gateway: 192.168.187.254 DNS1: 0.0.0.0 DNS2: 0.0.0.0 Device Name: Null string DHCP: Disabled AIDA LED: Mode enabled
Compatible Devices	All Datalogic products supporting standard RS-232 communication interfaces
Diagnostic LEDs	Power on / Data / Programming Mode / AUX USB
Mounting Options	Fixed mounting, DIN Rail

ELECTRICAL

Input Voltage	10 - 30 VDC
Power Consumption	2.4 W max without scanner; 4.8 W max with scanner
Output Voltage	5V @ 500 mA

ENVIRONMENTAL

ESD Protection (Air Discharge)	20 kV
Humidity	5 - 95%
Particulate and Water Sealing	IP65
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Storage: -40 to 70 °C / -40 to 158 °F

PHYSICAL CHARACTERISTICS

Dimensions	158 x 43 x 98 mm / 6.2 x 1.7 x 3.9 in
Weight	290 g / 10.2 oz

SAFETY & REGULATORY

Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use. See the Regulatory Addendum for details.
Environmental Compliance	Complies to EU RoHS; Complies to China RoHS

UTILITIES

Datalogic Aladdin™	Datalogic Aladdin configuration program, GSDM and EDS files for device installation are available for download at no charge.

WARRANTY

Warranty	3-Year Factory Warranty