

# FIELDBUS CONVERTER FBC9080



## 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



## FIELD BUS CONVERTER FBC9080

# TECHNICAL SPECIFICATIONS

COMMUNICATION PARAMETERS	
<b>Communication Interfaces</b>	Ethernet TCP/IP, PROFINET, EtherNet/IP
<b>Communication Protocol</b>	Datalogic Application Driver (DAD Driver)
<b>Default Network Settings</b>	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
<b>Compatible Devices</b>	All Datalogic products supporting standard RS-232 communication interfaces
<b>Diagnostic LEDs</b>	Power on / Data / Programming Mode / AUX USB
<b>Mounting Options</b>	Fixed mounting, DIN Rail
ELECTRICAL	
<b>Input Voltage</b>	10 - 30 VDC
<b>Power Consumption</b>	2.4 W max without scanner; 4.8 W max with scanner
<b>Output Voltage</b>	5V @ 500 mA

ENVIRONMENTAL	
<b>ESD Protection (Air Discharge)</b>	20 kV
<b>Humidity</b>	5 - 95%
<b>Particulate and Water Sealing</b>	IP65
<b>Temperature</b>	Operating: -20 to 50 °C / -4 to 122 °F Storage: -40 to 70 °C / -40 to 158 °F
PHYSICAL CHARACTERISTICS	
<b>Dimensions</b>	158 x 43 x 98 mm / 6.2 x 1.7 x 3.9 in
<b>Weight</b>	290 g / 10.2 oz
SAFETY & REGULATORY	
<b>Agency Approvals</b>	The product meets necessary safety and regulatory approvals for its intended use. See the Regulatory Addendum for details.
<b>Environmental Compliance</b>	Complies to EU RoHS; Complies to China RoHS
UTILITIES	
<b>Datalogic Aladdin™</b>	Datalogic Aladdin configuration program, GSDM and EDS files for device installation are available for download at no charge.
WARRANTY	
<b>Warranty</b>	3-Year Factory Warranty