



PROFIBUS DP Communication Module

Item number: CRM000CMPBDP0000

The PROFIBUS DP Communication Module adds PROFIBUS DP protocol conversion to your network seamlessly and cost-effectively. Compatible with DA30D data stations or CR3000 HMIs. Seamless configuration using desktop software and no external power required. Communicates with any PROFIBUS master device and converts between PROFIBUS and over 300 industrial protocols. Ideal for a wide range of industrial applications.



Seamlessly add PROFIBUS DP communications capability to your network

Features and benefits

✓ Communicates with PROFIBUS devices

Add a PROFIBUS communication gateway to your network without additional gateways, devices or power sources. An all-in-one solution that upgrades your system easily and quickly at low cost.

✓ User-friendly Crimson® configuration software

Easily programmable interface powered by Crimson® configuration software.

✓ Easy to connect and remove

Easy plug-in and removal of the module via proprietary USB connection.

✓ Rugged and reliable in industrial environments

Durable polycarbonate case body with stainless steel cover. Operating temperature of -10 °C to 50 °C.

✓ Powered by host device

Simple deployment with no external power supply needed. Maximum power is 2.6 W.

✓ Seamless and simple PROFIBUS protocol conversion

Built-in protocol conversion makes it easy to integrate existing devices into PROFIBUS protocol networks. Conversion support between PROFIBUS and over 300 different industrial protocols.

✓ Digital isolation function

Built-in digital isolation protects the host device from the PROFIBUS bus and vice versa.

✓ LED status indicator

A green status LED provides information about module status, including startup routine, error states and communications.

✓ Industry certified

Suitable for hazardous environments with UL Class I, Division 2 listing and CE certifications. Compliant with EN 61326-1 for industrial locations and IEC/EN 61010-1.



PROFIBUS DP Communication Module

General

Net Weight (g)	0.01
Packed Width (mm)	149.225
Packed Height (mm)	79.375
Packed Depth (mm)	168.275
Packed Weight (g)	177.01
Relative Humidity	85 % max relative humidity, non-condensing
Maximum Installation Altitude (m)	2000
Mounting	Wall mount
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	CRM000CMPBDP0000
Country of Origin	United States of America (the)
HS Code	8538909999
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	Pluggable DB9F connector.
SD Card Slot	No
Flash Drive	No

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Physical Features

Contains Battery	No
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Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	No
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No