



Graphite® PROFIBUS DP Protocol Module

Item number: GMPBDP00

The Graphite PROFIBUS DP protocol module adds PROFIBUS protocol capability to your HMI easily and cost-effectively. Seamless configuration using desktop software, converts over 300 industrial protocols. All-in-one solution with no external power required. Ideal for a wide range of industrial applications.



Seamlessly integrate Graphite® HMIs into PROFIBUS protocol networks

Features and benefits

- ✓ **Communicates with PROFIBUS DP devices**
Add a PROFIBUS DP communication gateway to your Graphite host device 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 using drag-and-drop functionality.
- ✓ **Easy to connect and remove**
Easy plug-in and removal of the module via proprietary USB connection.
- ✓ **Rugged and reliable in industrial environments**
Durable metal construction. Operating temperature of -40 °C to 75 °C.
- ✓ **Powered by host device**
Simple deployment with no external power supply needed. Maximum power is 2.6 W.
- ✓ **Seamless and simple PROFIBUS DP protocol conversion**
Built-in protocol conversion makes it easy to integrate Graphite series HMI operator interface with PROFIBUS DP 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 DP bus and vice versa.
- ✓ **LED status indicator**
A green/red status LED provides information about module status, including startup routine, error states and communication.
- ✓ **Industry certified**
CE, ATEX, IECEx, UKEX and Class 1, Division 2 approvals for hazardous locations. ABS type approval for shipboard applications.



Graphite® PROFIBUS DP Protocol 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)	227.01
Relative Humidity	85% max relative humidity, non-condensing
Power Consumption (W)	0
Maximum Installation Altitude (m)	2000
Mounting	DIN rail mount (bracket included)
Housing Materials	Metal Housing
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	GMPBDP00
Country of Origin	United States of America (the)
HS Code	8537109199
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

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



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Physical Features

Flash Drive	No
Contains Battery	No

Certifications and Standards

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