



Graphite® DeviceNet Protocol Module

Item number: GMDN0000

The Graphite DeviceNet protocol module adds DeviceNet 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 DeviceNet protocol networks

Features and benefits

- ✔ **Communicates with DeviceNet devices**
Add a DeviceNet 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 85 °C.
- ✔ **Powered by host device**
Simple deployment with no external power supply needed. Maximum power is 1.2 W.
- ✔ **Seamless and simple DeviceNet protocol conversion**
Built-in protocol conversion makes it easy to integrate Graphite series HMI operator interface with DeviceNet protocol networks. Conversion support between DeviceNet and over 300 different machine protocols.
- ✔ **Digital isolation function**
Built-in digital isolation protects the host device from the DeviceNet bus and vice versa.
- ✔ **LED status indicator**
A green/red status LED provides information about module status, including startup routine, error states and module/network.
- ✔ **Industry certified**
CE, ATEX, IECEx, UKEX and Class 1, Division 2 approvals for hazardous locations. ABS type approval for shipboard applications.



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General

Net Weight (g)	12.227355
Packed Weight (g)	12.227355
Relative Humidity	85% max relative humidity, non-condensing
Power Consumption (W)	1.2
Maximum Installation Altitude (m)	2000
Mounting	Wall mount
Housing Materials	Metal Housing
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	GMDN0000
Country of Origin	United States of America (the)
HS Code	8537109199
Dual Usage	No

Physical Features

Connectors / Input / Output	Terminal
SD Card Slot	No
Flash Drive	No
Contains Battery	No

Certifications and Standards

RoHS Compliant	Yes
CE	Yes

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Certifications and Standards

FCC	No
UKCA	Yes
UL	Yes
ATEX	Yes
DNV	No
KC	No