

BRX Pluggable Option Modules (POM)

BX-P-SPARK

\$139.00

SparkPlug B is a standardized protocol using MQTT or MQTTS as the transport layer. The SparkPlug B POM transmits data on change to an MQTT broker for tags selected through the documentation editor.

- Add structure to the data you transmit for easier integration, data processing, and analytics across platforms.
- Seamlessly integrated into the Do-more! platform. Configure instead of program!
- Event-driven updates mean data is sent only when changes occur, reducing unnecessary network traffic, bandwidth usage, and processing overhead.
- Easily select tags to be transmitted.
- Easily configure read/read-write access to tags.
- Securely transmit your data with optional MQTTs support.



BX-P-SPARK Specifications

| | |
|--|---|
| Description | Ethernet-based Sparkplug B gateway |
| Transfer Rate | 10/100 Mbps |
| Port Status LED | LINK LED is solid when network is established. ACT LED flashes when port is active. |
| Supported Protocols | MQTT(s) with Sparkplug B Publisher |
| Cable Recommendation | C5E-STxxx-xx from AutomationDirect.com |
| Port Type | RJ45, Category 5, Auto Crossover |
| Ethernet Port Numbers: MQTT MQTTS | 1883 default (configurable), TCP 8883 default (configurable), TCP |
| Hot Swappable | Yes |
| Software Version Required | Do-more! Designer v2.11 or later |

| Pin # | Signal |
|-------|--------------------|
| 1 | TXD+ Transmit Data |
| 2 | TXD- Transmit Data |
| 3 | RXD+ Receive Data |
| 4 | N/C |
| 5 | N/C |
| 6 | RXD- Receive Data |
| 7 | N/C |
| 8 | N/C |

