



PLX51-PBM

PROFIBUS DP Master/Slave to
EtherNet/IP™, Modbus TCP/IP®, or
Modbus® Serial Gateway

July 6, 2021

Your Feedback Please

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PLX51-PBM Release Notes

July 6, 2021

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1 Start Here

This document highlights the new features, fixes, enhancements and known issues for the PLX51-PBM.

1.1 About the PLX51-PBM

The PLX51-PBM gateway provides connectivity to EtherNet/IP™, Modbus TCP/IP®, or Modbus® Serial networks for PROFIBUS DP networks by operating as either a Master or Slave device on the PROFIBUS DP network.

1.2 Release Enhancements

| Release Version | Release Date | Description |
|-----------------|--------------|--|
| 1.001.041 | 30-Jun-2021 | New Features <ul style="list-style-type: none"> Added support to emulate Legacy Prolinx slave device EtherNet/IP Explicit Messaging feature Added support to allow a PROFIBUS DP Master to upload configuration (PLX51-PBM Slave Mode) Added byte/word swapping at device level Added option to force DP Slave data to 0 during communication loss (PLX51-PBM Master mode) Added support for Modbus Function Codes 5 & 6 Added support for slave devices with Profibus Identity 0. |
| 1.001.038 | 31-Mar-2021 | New Features <ul style="list-style-type: none"> Added Non-SINT Array support Added Modbus Communication Status DP Slaves online during communication failure feature Fixed PROFIBUS Endian format in Modbus modes for INT data types |
| 1.001.035 | 1-Jul-2020 | New Features <ul style="list-style-type: none"> Added Modbus TCP/IP and RTU functionality Added support for importing legacy PCB files Fixes & Changes <ul style="list-style-type: none"> Shows major, minor, and build revisions in the target browser & device flash Fixed TCP/ARP window display Data Exchange bits to clear after slave node address is changed during data exchange. |
| 1.001.017 | 28-Aug-2019 | Release |

2 Support, Service & Warranty

2.1 Contacting Technical Support

ProSoft Technology, Inc. is committed to providing the most efficient and effective support possible. Before calling, please gather the following information to assist in expediting this process:

- 1 Product Version Number
- 2 System architecture
- 3 Network details

If the issue is hardware related, we will also need information regarding:

- 1 Module configuration and associated ladder files, if any
- 2 Module operation and any unusual behavior
- 3 Configuration/Debug status information
- 4 LED patterns
- 5 Details about the interfaced serial, Ethernet or Fieldbus devices

Note: For technical support calls within the United States, ProSoft's 24/7 after-hours phone support is available for urgent plant-down issues.

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|---|---|
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2.2 Warranty Information

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