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TECHNOLOGY

A **BELDEN** BRAND

Where Automation Connects.

ILX56-PBM

PROFIBUS DPV1 Master/Slave
ControlLogix®

February 6, 2026

Your Feedback Please

We always want you to feel that you made the right decision to use our products. If you have suggestions, comments, compliments or complaints about our products, documentation, or support, please write or call us.

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ILX56-PBM Release Notes
For Public Use.

February 6, 2026

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1   Start Here

This document highlights the new features, fixes, enhancements and known issues for the ILX56-PBM.

1.1   About the ILX56-PBM

The ILX56-PBM PROFIBUS DPV1 Master/Multi-Slave module allows Rockwell Automation® ControlLogix® processors to communicate with various PLCs and devices using the PROFIBUS DP protocol.

1.2   Release Enhancements

Release Version	Release Date	Description
1.001.16	28-Jan-2026	Fixed an issue where under heavy processing load, the module could reboot every couple of days/weeks.
1.001.15	3-Mar-2025	• Resolved anomaly with SD Card Configuration backup that could cause the module to lock up on startup. • Limited DP parameter and config size to avoid a buffer overrun with incorrect GSD files • Updated DP Master Comms to match that of the PXM. The PXM had some enhancements to better manage when two masters share a DP network, as well as better resilience with noisy DP networks
1.001.014	1-Nov-2022	Minimum firmware revision required to run on hardware with the "HB" designation in the F/W REV product label.
1.001.013	9-Jul-2021	**New Feature** • Added support to emulate Legacy slave device (MVI56-PDPS) • Added support to allow a PROFIBUS DP Master to upload configuration (Slave Mode) • Added byte/word swapping at device level • Added option to force PROFIBUS DP Slave data to '0' during communication loss (Master mode) • Added support for slave devices with PROFIBUS Ident 0 • Added PROFIBUS DP Master Redundancy support
1.001.010	30-Mar-2021	**New Feature** • Added Non-SINT array support
1.001.009	9-Mar-2020	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

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