DATASHEET

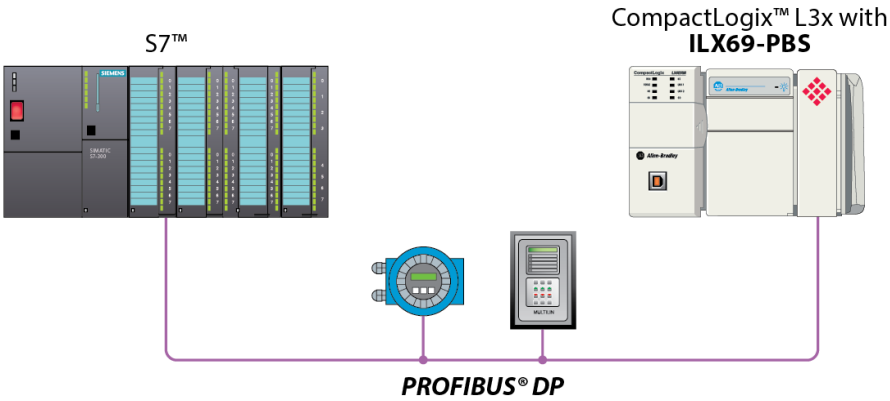
PROFIBUS DPV1 Slave for CompactLogix

ILX69-PBS



The ILX69 PROFIBUS Slave module is an in-chassis PROFIBUS DPV1 Slave for CompactLogix, supporting cyclic PROFIBUS I/O data and acyclic messaging. Explicit ladder logic CIP message blocks provide slave status diagnostic data and the ability for acyclic messaging.

The ILX69 interface appears to the CompactLogix controller as a standard I/O module allowing it to be configured via Studio/RSLogix™ 5000. The cyclic PROFIBUS I/O data can be configured in Studio/RSLogix™ 5000, or configuration can be transferred from the Master to the slave module. The Ethernet interface allows for remote diagnostic and troubleshooting. Complete program examples for simple and quick start-up are available.



Features

- Rockwell Automation Encompass Approved
- PI Certified
- Remote diagnostics via Ethernet
- Supports DPV1 Acyclic Messaging
- Field-tested with multiple PROFIBUS Masters from multiple vendors
- AOP provided to allow for seamless integration to Studio 5000 and RSLogix 5000
- Video setup tutorial provided on www.prosoft-technology.com

PROFIBUS DP Specifications

Specification	Description
PROFIBUS DP Cyclic Data	244 Bytes IN / 244 Bytes OUT
Acyclic Read/Writes	240 Bytes
Acyclic communication	DPV1 Class 1 Read/Write DPV1 Class 1 Alarm DP V1 Class 2 Read/Write/Data Transport
Baud rate	9.6 kBaud, 19.2 kBaud, 45.45 kBaud, 93.75 kBaud, 187.5 kBaud, 500 kBaud 1.5 MBaud, 3 MBaud, 6 MBaud, 12 MBaud Auto-detection mode is supported

Hardware Specification

Specification	Description
PROFIBUS Interface	RS-485, max. 12 Mbps, potential free, according EN 50170
Diagnostic Interface	10/100 Ethernet, RJ45
Power Supply	+5 V ±5 % / 570 mA
Max. Distance Rating	2 slot
Dimensions	Standard 1769 Single-slot module
Burst	EN 61000-4-4, 2 kV, 5 kHz
Surge	EN 61000-4-5, 2 kV common mode, 1 kV differential mode
ESD	EN 61000-4-2, 4 kV contact, 8 kV air, 4 kV indirect
Radiated/Conducted Immunity	EN 61000-4-3, 10 V/m, 30...1000 MHz, 80% AM, 1 kHz sine wave EN 61000-4-6, 10 V, 0,15...30 MHz
Radiated/Conducted Emission	EN 55011 Class A
Vibration/Shock	IEC 600068-2-6, 10-150 Hz, ± 0,75 mm, ± 1 g, 1 Octave/min IEC 600068-2-27, 15 g, 11 ms
Operating Temperature	0°C to 60°C (32°C to 140°F)
Relative Humidity	5 to 95% (non-condensing)
PROFIBUS conformance	Certified

Agency Approvals and Certifications

PROFIBUS PI Certified
CE Mark
UL/cUL Class 1 Div 2
ATEX Zone 2
CB Safety

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Ordering Information

To order this product, please use the following:

PROFIBUS Slave Network Interface Module for CompactLogix

ILX69-PBS

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