

# Modicon Modbus Protocol Reference Guide

PI-MBUS-300 Rev. J

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# **Modicon Modbus Protocol Reference Guide**

PI-MBUS-300 Rev. J

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**MODICON, Inc., Industrial Automation Systems  
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## Preface

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This guide is written for the person who will use Modicon Modbus protocols and messages for communication in Modicon programmable controller applications. It describes how messages are constructed, and how transactions take place using Modbus protocol.

This guide should be used in conjunction with Modicon user guides for the types of networks and programmable controllers present in the application. Familiarity with your network layout, and with your control application, is assumed.

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## Related Publications

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Refer to the following publication for details about the application of Modicon 984 Programmable Controller systems:

GM-0984-SYS 984 Programmable Controller Systems Manual.  
Modicon, Inc.

Refer to the following publications for details about the application and installation of the Modbus Plus network and related communications devices:

GM-MBPL-001 Modbus Plus Network Planning and Installation Guide.  
Modicon, Inc.

GM-BM85-001 Modbus Plus Bridge/Multiplexer User's Guide.  
Modicon, Inc.

Refer to the following publication for details about the Modcom III Communications Software Library for host computer applications:

GM-MC3A-001 Modcom III Communications Software Library User's Guide.  
Modicon, Inc.

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