



Class 1, Division 2,
Groups A, B, C, and D
Hazardous Locations.



MTS Level Plus Interface Communication Module 3100-MTS

The 3150-MTS module setup and operating control is performed through simple ladder logic and data table configuration. The only software necessary is a standard ladder-programming package.

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

Asia Pacific

+603.7724.2080, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe – Middle East – Africa

+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America

+1.661.716.5100, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)

+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil

+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English

MTS Level Plus Interface Communication Module

3100-MTS

The 3100 MTS Level Plus Interface Communication Module allows the user to easily communicate with up to 64 MTS Level Plus gauges. The module is a single slot solution for the Rockwell Automation PLC platforms (firmware solutions also available).

Features and Benefits

Port Configuration

Configuring the two ports independently allows for optimum flexibility. Using both ports as RS-485 Masters to MTS gauges, or one port as a RS-485 Master to a set of MTS gauges and the other as a Modbus Slave connected via modem to a SCADA host is one example of this flexibility. After configuration through the processor data table the module will perform all protocol related functions on a stand-alone basis, returning level and temperature information to the processor.

Easy Hardware Installation

The connection between the 3150-MTS and the MTS gauges is a direct one and needs no RS-232 to RS-485 converter. In order to connect the 3150-MTS product to the MTS digital gauges, plug the module into the Rockwell Automation rack and connect the RS-485 line from the MTS gauges to the module's port.

Installation, Set Up and Operation

The ProSoft module installs in any slot in a local or a remote rack. The product's capabilities are enabled and controlled with simple ladder logic and data table initialization. The module operates in any one of the following configurations

Mode	Port 1	Port 2
Master/Master	MTS Master	MTS Master
MTS Master	MTS Master	Modbus Slave

Functional Specifications

- Continuous polling sequence of up to 64 gauges, each fully configurable for port, gauge address, level resolution, and temperature resolution
- Support for the storage and transfer of up to 4000 registers to/from the PLC
- RS-485 interface in module (No converters needed)

