



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



MTS Level Plus Interface Communication Module 3150-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.

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MTS Level Plus Interface Communication Module

3150-MTS

The 3100-MTS product allows the user to easily communicate with up to 64 MTS Level Plus gauges. The 3100-MTS (PLC) Module is a single slot solution for the A-B 1771 platforms (firmware solutions also available). These products allow MTS Level Plus digital gauges and Level Plus Monitors to be interfaced directly to the Allen-Bradley environment.

Features and Benefits

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

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. Once configured 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 3100-MTS and the MTS gauges is a direct one and needs no RS-232 to RS-485 converter. In order to connect the 3100-MTS product to the MTS digital gauges, plug the module into the Allen-Bradley 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.

