

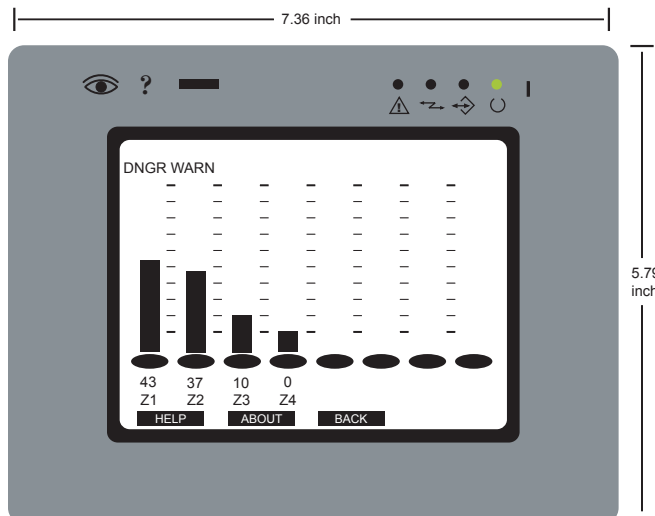


Control Instruments Corporation

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Product Specifications

Touch Screen Interface



Standard Specifications

Part Number	MPL008
Size	7.36W x 5.79H x 3.58D inches (18.7W x 14.7H x 0.9D cm)
Panel Cutout	6.93W x 5.35H inches (17.6W x 13.6H cm)
Display	Touch-sensitive, backlit LCD Adjustable contrast, ¼ VGA
Front panel rating	IP65 water-tight / dust-tight
Memory	8 MB flash
Operating Temperature	0°C to +45°C (32°F to 113°F)
Storage Temperature	-20°C to +70°C (-4°F to 158°F)
Humidity Range	5 to 95% RH, non-condensing
Data port	RS-485 serial
Communication Protocol	Modbus RTU
Interconnection Wiring	3 wires, shielded
One-way Line Length	4,000 feet (2,200 meters) max.
Input Voltage	18 to 30 VDC, ~600 mA

Design

The Touch Screen Interface (part # MPL008) is a panel-mounted, touch-sensitive, multi-page display. It allows an operator to view and access remote analyzers from a central location.

The operator can view the Reading, Status and Registers of each analyzer. Information is presented in easy-to-read formats on a backlit liquid crystal display measuring 5.6 inch (14.2 cm) diagonally.

It is possible to acknowledge and reset alarms and, through password protection, initiate calibrations, read and adjust the settings of each analyzer.

Capability

Up to eight SNR650, SNR671, SNR672, SNR674, SNR675 or SNR690 analyzers may be connected to a single Operator Interface using a single, daisy-chained cable.

The MPL008 Operator Interface can also be used with SmartMax II controllers monitoring up to eight catalytic or electrochemical sensors.

Construction

The Operator Interface is housed in a metal enclosure with a flexible membrane front panel. Remote analyzers connect to the Operator Interface through a D-sub 15 pin connector (supplied).

Factory Tested as a Complete System

When purchased with Control Instruments analyzers or sensors, the Operator Interface is factory-set and tested prior to shipment.

Approvals

UL approved to US and Canadian standards.
CE marked. Conforms to EN50081-2 & EN50082-2.