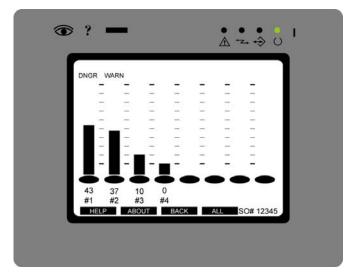


Control Instruments Corporation

Product Specifications

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Specifications

Part Number MPL008

Size 7.36W x 5.79H x 3.12D inches

 $(18.7W \times 14.7H \times 0.8D \text{ cm})$

Panel Cutout 6.93W x 5.35H inches

(17.6W x 13.6H cm)

Display Touch-sensitive, backlit LCD

Adjustable contrast, 1/4 VGA

Screen size 5.6 inch (14.2 cm)

Front panel rating IP65 water-tight / dust-tight

NEMA 4x

 0° C to +50°C (32°F to 122°F) **Operating Temperature** Storage Temperature -20° C to $+70^{\circ}$ C (-4° F to 158° F)

Humidity Range 5 to 85% 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, 600mA

Class I, Div 2 Hazardous Area Rating

Operator Interface 8 Channel

Design

The Operator Interface (part # MPL008) is a panelmounted, 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 PrevEx analyzers may be connected to a single Operator Interface using a single, daisy-chained cable.

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 and short cable (supplied).

Factory Tested as a Complete System

When purchased with Control Instruments analyzers, 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.