

More than just a message display; you get real machine control capability from our D830 Micro PanelMate Electronic Operator Interfaces.



Product Summary

The D830 Micro PanelMate offers superior capabilities not found in traditional text-based operator interface devices. The capacity to display alphanumeric data alleviates problem areas such as entering or displaying part numbers for employee IDs.

- View and edit PLC Data on the same page
- Easily defined pushbuttons, selector switches and triggers for concise control
- Multiple screen capability allows viewing of two pages simultaneously

Changing the definition of a "text-based" product

Increase Operator Efficiency

- The 2 line x 20 character display provides operator information. Messages can scroll both vertically and horizontally to provide up to 255 characters of information, without changing screens
- Membrane keypad has tactile feedback so that operators receive a physical response for sure and accurate operation
- Definable navigation (PREV/NEXT) and function keys (F1, F2, YES, NO), SELECT, ENTER, LOCK, CANCEL keys, and 10 digit keypad make stepping through screens and changing production variables simple
- A feature called a Data Set allows the operator to choose new settings based on numeric or text prompts

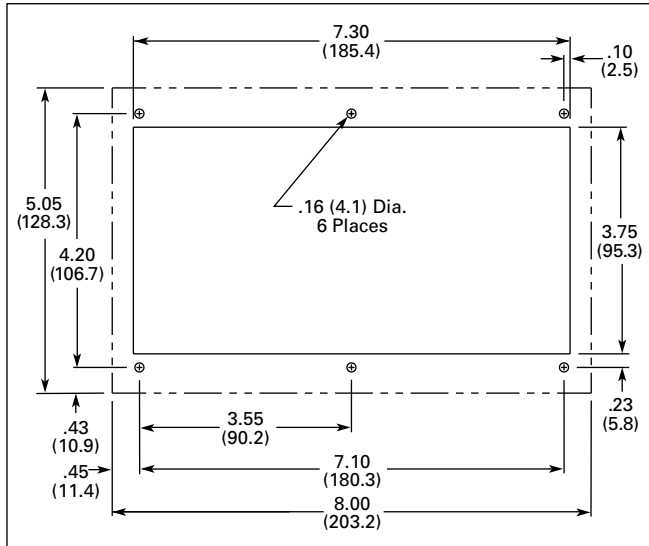
Decrease Application Development Time

- Data Tag Reference Editor can import tag database information
- Full screen simulation eliminates the need to connect a PLC or OIT during application testing

PLC Operation Security

- A PLC initiated lock-out capability provides security against operator data entry at an inappropriate time with the level of lock-out specified for either viewing any screen with no entry, or maintaining the current screen view only
- High/Low limits for data entry fields eliminate the potential for erroneous data being entered into the PLC data table
- 15 levels of password protection allow for the same pages to be used for both maintenance and operation personnel with access to only appropriate data controls

Dimensions



Software Characteristics

- Off-Line Software ... Windows® 3.1, Windows 95, Windows NT
- Data Tag Library Full import/export capability
- Edit Mode..... WYSIWYG

Certifications

- UL Listed
- cUL Listed
- CSA Listed
- CE Mark
- Hazardous location Class 1, Division 2

Windows is a registered trademark of Microsoft Corp.



Physical Specifications

- Display TypeLCD with LED backlight
- Display Size.....2 line x 20 character
- Character Height.....5.5 mm
- Memory.....32K Flash EEPROM
- Operator EntryMembrane Keypad
- Navigation Keys2 (PREV, NEXT)
- Function Keys4 definable
- Other Keys.....SELECT, ENTER, LOCK, CANCEL, 0 – 9
- Mounting.....Single piece with captive mounting studs
- NEMA Rating.....4, 4X, 12
- Approximate Dimensions ...5"H x 8"W x 1.5"D (127 x 203.2 x 38.1 mm)
- Approximate Weight1.5 lbs.

Environmental Specifications

- Operating Temperature0° to 50°C (32° to 122°F)
- Storage Temperature-20° to 60°C (4° to 140°F)
- Relative Humidity20 – 85%
Noncondensing
- Vibration2G at 10 – 500 Hz
- Altitude10,000 feet above sea level

Electronics Specifications

- Power Supply Voltage24V DC
- Consumption.....100 mA maximum
- Heat Output.....1.5 watts (5.4 BTU/HR)
- Noise ImmunityIEC 801-2, 3, 4, 6, 8
- Communication Port25 pin D-Shell

Firmware Characteristics

- Pushbuttons4
- Data ScalingYes (8-bit)
- Bit Status Read/WriteYes
- Word Writes (Data Set Feature).....Yes
- Extended ASCII Character Set.....Yes
- Scrolling TextYes
- Multiple Screen Overlays.... Yes, 2 triggers simultaneously

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