PanelView™ 300 Micro Operator Interface

Space-saving, Lowest-cost, Feature-rich

Rockwell Automation now adds the smallest and lowest-cost operator interface to its family of Allen-Bradley PanelView Standard operator interface products — PanelView 300 Micro.

About This Product

Just 5.2" x 4.4" (133x111mm) and only 1.5" (48mm) deep, it is ideal for customers who need a space-saving and low-cost yet feature-rich solution.

Although designed for low-end graphical or text-only operator interface applications, it has many of the same features found in the rest of the PanelView Standard family. It uses PanelBuilder32™ configuration software and firmware as all other PanelView Standard terminals.

The 3.2" diagonal monochrome display offers full graphic capability, and 4 standard function keys plus configurable arrow keys for a total of 8 function keys. The liquid crystal LED back-lit display is ideal for both high and low ambient light.

Other features include:

- Alarming
- Screen security
- Analog gauges
- DF1™ and DH-485 communication options, targeting MicroLogix™ and SLC™ systems
- PanelBuilder32 provides the ability to create and reuse screens or objects from any other PanelView Standard application
- Supports L files (32-bit) for use with MicroLogix controllers
- Easily switch between English, French, Italian, German, and Spanish text

About PanelBuilder32

Designed to operate on Microsoft® Windows® (including Windows 2000) operating system, PanelBuilder32 features an intuitive development environment to simplify application design, reduce development time, maximize performance, and improve productivity. This Micro uses the same PanelBuilder32 as the rest of the PanelView Standard product family.

- Set defaults to reduce development time.
- Easy screen design using symbols, objects, graphics, and imported bitmap images.
- Create analog gauges for more intuitive operation.
- Create application graphical screens with push buttons, selectors, numeric and ASCII entry devices, diagnostic indicators, message displays, embedded numeric and ASCII variable displays, custom graphics, and more.

Bringing Together Leading Brands in Industrial Automation

Specifications

Display	
Type	Graphic monochrome LCD with integral LED backlight (100,000 hour life)
Size	73x42mm (2.87x1.67 in.), 3.2 in. diagonal
Pixels	128x64
Input Keys	4 function keys, 4 programmable arrow keys, enter key
Application Memory	240K Flash (application screen storage)
Real Time Clock	Battery-backed clock timestamps critical data
Electrical	
Communications Port	DF-1 (8-pin mini-DIN RS232)
DH-485 (8-pin mini-DIN RS232)	
Power Requirements	11-30V dc (0.105A@24V dc)
Power Consumption	2.5 Watts maximum
Environmental	
Operating Temperature	0° to 55° C (32° to 131° F)
Storage Temperature	-20° to 85° C (-4° to 188° F)
Humidity Rating	5 to 95%, non-condensing @ 0° to 55°C
Ratings	NEMA Type 12, 13, 4x (indoor only), IP54, IP65
Approvals	UL, CSA approved; Class 1, Div 2 Groups A, B, C, D certified; CE marked, Demko
Weight	284 g (10 oz.)
Dimensions	133mm (h) x 111mm (w) x 48mm (d) (5.23 in. x 4.38 in. x 1.87 in.)
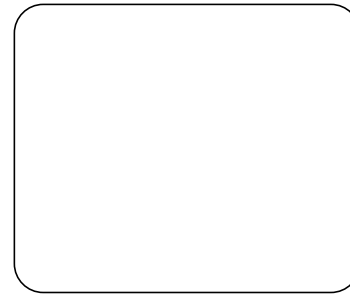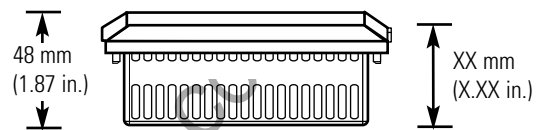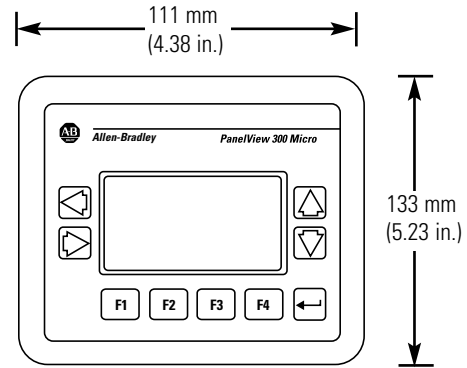
Ordering Information for PanelView 300 Micro	Catalog Number
24V dc Keypad Terminal with DH-485 (8-pin mini-DIN, RS232) communications[1]	2711-M3A19L1
24V dc Keypad Terminal with DF1 (8-pin mini-DIN, RS232) communications[1]	2711-M3A18L1
RS-232 Operating Cable (8-pin mini-DIN to 8-pin mini-DIN) 5 meters (16.4 ft.) [2]	2711-CBL-HM05
RS-232 Operating Cable (8-pin mini-DIN to 8-pin mini-DIN) 10 meters (32.7 ft.) [2]	2711-CBL-HM10
RS-232 Operating/Programming Cable (9-pin D-Shell to 8-pin mini-DIN) 5 meters (16.4 ft.)	2711-CBL-PM05
RS-232 Operating/Programming Cable (9-pin D-Shell to 8-pin mini-DIN) 10 meters (32.7 ft.)	2711-CBL-PM10
PanelBuilder32 Software for developing applications – Version 3.60 or later	2711-ND3

1 For use with MicroLogix controllers
2 For use with SLC channel

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