

DIGITAL PANEL METERS

DIGITAL BARGRAPH METER

MODEL FL-B101D40PS

Smart Tricolor or Monocolor Digital Bargraph With Programmable Scale Factor Has Fully Programmable Set Points for Monitoring, Measurement and Control Applications

FEATURES

- Inputs Over 22 Input Modules
- Outputs Up to two 5A 240Vac Form A Relays (16 Bit) 0-10V or 4-20mA Isolated Output (User scalable)
- Accuracy $\pm 0.05\%$ of reading, ± 2 digit
- Inst. Power 85-265Vac/95-370Vdc Or 18-48Vac/10-72Vdc
- Output Control..... Timed On/Off or High/Low
- Enclosure 9/64 DIN CASE
- Screw Terminal Adapter Included for inputs and power.
- Weight Approximately 1 Lb.
- LED display -1999 to +9999
7 Segment, 0.31", 4 Digit
101 Segment, 4.0", Bargraph



Program Button: This button is used to move from one program step to the next. When used simultaneously with the UP ARROW button, it initiates the Programming mode. When used simultaneously with the DOWN ARROW button, it initiates the Set point Program Mode.

Up Arrow: Increases the value of the displayed parameter.

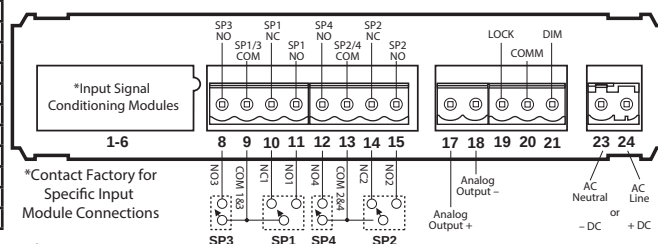
Down Arrow: Decreases the value of the displayed parameter.

Annunciator: May be programmed to indicate the set point status of up to 4 parameters.

ORDERING SPECIFICATIONS

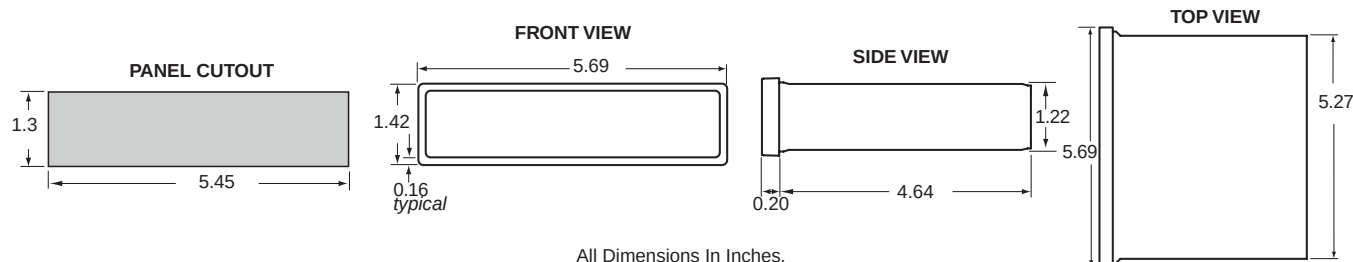
Base Meter Model FL-B101D40PS	Dis.	P.S.	Input	Output	Output Option	Dis.	P.S.	Input	Output
Complete Meter, Order:	FL-B101D40PS	-XX	-XXX	-XXX	-XX	None			XX
Display									
None			xxx			Single 10A Form C Relay			R11
Red LED Bargraph with 4 digit red, horizontal			HRR			Dual 10A Form C Relays			R12
Green LED Bargraph with 4 digit red, horizontal			HGR			Dual 10A Form C, One 5A Form A Relay			R13
Red LED Bargraph with 4 digit green, horizontal			HRG			Dual 10A Form C, Dual 5A Form A Relay			R14
Tricolor LED Bargraph with 4 digit red, horizontal			HTR			Isolated 16 Bit Current Output, 4-20mA			OIC
Tricolor LED Bargraph with 4 digit green, horizontal			HTG			Isolated 16 Bit Current Output, 0-10Vdc			OIV
Power Supply						Options (Add to Price of Meter)			Part Number
None			XXX			EMERX Circuit Lockable Cover			OP-N4X/144X36
85-265VAC/95-370Vdc			PS1			Metal Surround for Case			OP-MTL144X36
18-48VAC/10-72Vdc			PS2			Metal Mounting Clips (2pc.) for Thin Panels			OP-MTLCLIP
						Panel Mounting Clips (2pc.) for Thin Panels			OP-PA144X36
Input Modules						Dimensions			
None						Meter Case			Width 5.69" (144mm)
AC-Volts Scaled RMS, 200/600V AC			IA01						Height 1.42" (36mm)
AC-Volts Scaled RMS, 200mV/2V/20V AC			IA02						Max. Depth 4.64" (117.5mm)
AC-mA Scaled RMS, 2/20/200mA AC			IA03			Bezel Dimensions			5.69" X 1.42" (144 X 36mm)
AC-Amps Scaled RMS, 0-1 Amp AC (0-100.0)			IA04			Panel Cutout Size			5.45" X 1.30" (138 X 33mm)
AC-Amps Scaled RMS, 0-5 Amp AC (0-100.0)			IA05						
AC-Volts True RMS, 200/600V AC			IA06						
AC-Volts True RMS, 200mV/2V/20V AC			IA07						
AC-mA True RMS, 2/20/200mA AC			IA08						
AC-Amps True RMS, 0-1 Amp AC (0-100.0)			IA09						
AC-Millivolt, Scaled RMS, 100mV AC			IA10						
AC-Amps True Rms, 0-5 Amp AC (0-100.0)			IA11						
DC-Volts, 2/20/200V/Custom w/24V DC Exc.			ID01						
DC-Millivolt, 20/50/100/200mV DC w/24V DC Exc.			ID02						
DC-MilliAmp, 2/20/200mA DC w/24V DC Exc.			ID03						
DC-Amps, 5A DC			ID04						
DC-Volts, 2/20/200/custom V DC w/offset and 24V Exc.			ID05						
DC-Amps, 1A DC			ID09						
Process Loop, 4-20mA (0-100.0)			IP01						
Process Loop, 4-20mA (0-100.0) w/24V DC Exc.			IP02						
Process Input, 1-5VDC = (0-100.0) w/offset, 24V Exc.			IP03						
Universal Process 2V/5V/10V/20V/200V/2mA/20mA/custom			IP07						
Prototype Bare Board for Customer Design			IP11						

CONNECTOR PINOUTS



Auto-sensing AC/DC power supply. For voltages between 85-265Vac/ 95-370 Vdc (PS1) or 18-48Vac / 10-72 Vdc (PS2)

DIMENSIONS



All Dimensions In Inches.

FLEX-CORE®

Div. Morlan & Associates, Inc.

4970 Scioto Darby Rd. Hilliard, Ohio 43026

WWW.FLEX-CORE.COM

sales@flex-core.com

PHONE (614) 889-6152

TECH. ASSISTANCE (614) 876-8308

FAX # (614) 876-8538