



Input Specs:	.....	Depends on Input signal conditioner
A/D Converter:	.....	14 bit single slope
Accuracy:	.....	±(0.05% of reading + 2 counts)
Temp. Coeff.:	.....	100 ppm/°C (Typical)
Warm up time:	.....	2 minutes
Conversion Rate:	.....	10 conversions per second (Typical)
Digital Display:	.....	4 digit 0.31" LED red (std) , green (optn) Range –1999 to 9999 counts.
Bargraph Display:	.....	101 segment 4" red vertical (std) , green or tricolor (optn), horizontal (optn)
Polarity:	.....	Assumed positive. Displays – negative
Decimal Selection:	.....	Front panel button selectable, X•X•X•X•
Positive Overrange:	.....	Bargraph and top segments of digital display flash.
Negative Overrange:	.....	First segment of bargraph and bottom segments of digital display flash.
Relay Output:	.....	Two 5 Amp Form A relays and Two 10 Amp Form C relays.
Analog Output:	.....	Isolated 16 bit user scalable mA or V OIC (mA out) .....4-20 mA @ 0 to 500 Ω max loop resistance OIV (volts out) .....0-10 V DC @ 500 Ω or higher resistance
Power Supply:	.....	AC/DC Auto sensing wide range supply
PS1 (std)	.....	85-265 VAC / 95-370 VDC @ 2.5W max 4.2W
PS2	.....	18-48 VAC / 10-72 VDC @ 2.5W max 4.2W
Operating Temp.:	.....	0 to 60°C
Storage Temp:	.....	–20°C to 70°C
Relative Humidity:	.....	95% (non condensing)
Case Dimensions:	.....	9/64 DIN (Bezel 36Wx144Hmm) Depth behind bezel (5.83") 148mm Plus (0.7") 18mm for connectors
Weight:	.....	9.5 oz., 12 oz when packed

Ordering Information

BASIC MODEL #	DISPLAY	POWER SUPPLY	INPUT MODULES	ANALOG OUTPUT	RELAY OUTPUT	OPTIONS / ACCESSORIES
FL-B101D40PS						OA__

Add to the basic model number the order code suffix for each standard option required. The last suffix is to indicate how many different special options and or accessories that you may require to be included with this product.

Ordering Example: FL-B101D40PS-VRR-PS1-IA01-OIC-R11-OA2 plus CR-CHANGE and an OP-N4/144X36

► BASIC MODEL NUMBER

FL-B101D40PS . . . 144x36mm, 101 Segment Bargraph, 4 Digit, PSF

Standard Options for this Model Number

Order Code Suffix

Description

► DISPLAY

VRR . . .Red LED Bargraph w/4 Digit Red DPM, Vertical
VGG . . .Green LED Bargraph w/4 Digit Green DPM, Vertical
VGR . . .Green LED Bargraph w/4 Digit Red DPM, Vertical
VRG . . .Red LED Bargraph w/4 Digit Green DPM, Vertical
VTG . . .Tri-Color Bargraph w/4 Digit Green DPM, Vertical
VTR . . .Tri-Color Bargraph w/4 Digit Red DPM, Vertical

HRR . . .Red LED Bargraph w/4 Digit Red DPM, Horizontal
HGG . . .Green LED Bargraph w/4 Digit Green DPM, Horizontal
HGR . . .Green LED Bargraph w/4 Digit Red DPM, Horizontal
HRG . . .Red LED Bargraph w/4 Digit Green DPM, Horizontal
HTG . . .Tri-Color Bargraph w/4 Digit Green DPM, Horizontal
HTR . . .Tri-Color Bargraph w/4 Digit Red DPM, Horizontal

DSGG . .Dual Scale Green LED Vertical Bargraph w/4 Digit Green DPM
DSGR . .Dual Scale Green LED Vertical Bargraph w/4 Digit Red DPM
DSRG . .Dual Scale Red LED Vertical Bargraph w/4 Digit Green DPM
DSRR . .Dual Scale Red LED Vertical Bargraph w/4 Digit Red DPM
DSTG . .Dual Scale Tri-Color Vertical Bargraph w/4 Digit Green DPM
DSTR . .Dual Scale Tri-Color Vertical Bargraph w/4 Digit Red DPM

► POWER SUPPLY

PS1 . . .85-265VAC/95-370VDC
PS2 . . .15-48VAC/10-72VDC

► INPUT MODULES (Partial List. See www.texmate.com)

Unless otherwise specified Texmate will ship all modules precalibrated with factory preselected ranges and/or scalings as shown in **BOLD** type.

IA01 . . .AC-Volts Scaled RMS, 200/**600V** AC
IA02 . . .AC-Volts Scaled RMS, 200mV/**2V**/20V AC
IA03 . . .AC-mA Scaled RMS, 2/**20**/200mA AC
IA04 . . .AC-Amps Scaled RMS, **0-1 Amp AC (0-100.00)**
IA05 . . .AC-Amps Scaled RMS, **0-5 Amp AC (0-100.00)**
IA06 . . .AC-Volts True RMS, 200/**600V** AC
IA07 . . .AC-Volts True RMS, 200mV/**2V**/20V AC
IA08 . . .AC-mA True RMS, 2/**20**/200mA AC
IA09 . . .AC-Amps True RMS, **0-1 Amp AC (0-100.00)**
IA10 . . .AC-Millivolt, Scaled RMS, **100mV AC**
IA11 . . .AC-Amps True RMS, **0-5 Amp AC (0-100.00)**
IA12 . . .AC-Millivolt, True RMS, **100mV AC**
ID01 . . .DC-Volts, 2/**20**/200V/Custom w/24V DC Exc
ID02 . . .DC-Millivolt, 20/50/**100**/200mV DC w/24V DC Exc
ID03 . . .DC-Milliamp, 2/**20**/200mA DC w/24V DC Exc
ID04 . . .DC-Amps, **5A DC**
ID05 . . .DC-Volts 2/**20**/200/Custom V DC w/Offset and 24V Exc.
ID07 . . .DC-Milliamp, 2/**20**/200mA DC w/Offset and 24V Exc
ID09 . . .DC-Amps, **1A DC**
IGYZ* . . .Universal Direct Pressure

*View the **IG- Ordering Code on page 14** to determine the value for Y & Z (IGAZ to IGKZ)
IP01 . . .Process Loop, **4-20mA(0-100.00)**

IP02 . . .Process Loop, **4-20mA(0-100.00)** w/24VDC Exc
IP03 . . .Process Input, **1-5V DC(0-100.00)** w/Offset, 24V Exc
IP07 . . .Universal Process 2V/5V/**10V**/20V/200V/2mA/20mA/Custom
IPT1 . . .Prototype Board for Custom Design
IR02 . . .3-Wire Potentiometer 1K Ω min (0-F.S.)
IR03 . . .Linear Potentiometer, 3-wire, 1K Ω min
IR05 . . .Resistance 2K Ω
IS01 . . .Strain Gage 5/10VDC Exc., 20/**2mV/V**, 4/6-wire
IS02 . . .Pressure 5/10VDC Exc., 20/**2mV/V**, 4/6-wire
IS04 . . .Pressure Ext Exc., 20/2mV/V, 4/6-wire
IS05 . . .Pressure/Load Cell 20/2mV/V, 5/10V Exc 4-wire
IS06 . . .Pressure/Load Cell Ext Exc., 20/2mV/V, 4-wire
IS07 . . .Pressure 20/2mV/V with High Impedance and External Excitation

► ANALOG OUTPUT

OIC . . .Isolated 16 Bit Current Output, 4-20mA
OIV . . .Isolated 16 Bit Voltage Output, 0-10VDC

► RELAY OUTPUT

R11 . . .Single 10A Form C Relay
R12 . . .Dual 10A Form C Relays
R13 . . .Dual 10A Form C & One 5A Form A Relays
R14 . . .Dual 10A Form C & Dual 5A Form A Relays
R15 . . .Single 10A Form C & Dual 5A Form A Relays
R16 . . .Single 10A Form C & Single 5A Form A Relays

Special Options and Accessories

Part Number

Description

► SPECIAL OPTIONS (Specify Inputs or Outputs & Req. Reading)

CR-CHANGECalibrated Range Change to another Standard Range
CS-L/BARCustom Scaling within any Stnd. or Custom Selectable Range
CSR-L/BARCustom Selectable Range Installation or Modification
CSS-L/BARCustom Special Scaling beyond the Standard Range
COA-L/SINGLECustom Output - Special Scaling of Analog Output
COR-L/RELAYCustom Output - Relays Installed in Non-Standard Locations
CCP-L/SETUPNRC to Set-up Custom Configuration - Functions, Codes
CCP-L/INSTLFactory Installation - Custom Configuration

► ACCESSORIES (Specify Serial # for Custom Artwork Installation)

75-DMC14436BSide Slide Brackets-Wide opening (2 pc)
75-DMC144X36Side Slide Brackets-stand. (2 pc) - extra set
93-PLUG2P-DPExtra Screw Terminal Conn., 2 Pin Power Plug
93-PLUG2P-DRExtra Screw Terminal Conn., 2 Pin Plug
93-PLUG3P-DRExtra Screw Terminal Conn., 3 Pin Plug
93-PLUG4P-DRExtra Screw Terminal Conn., 4 Pin Plug
93-PLUG5P-DRExtra Screw Terminal Conn., 5 Pin Plug
OP-MTL144x36Metal Surround Case, includes screw mounting clips
OP-MTLCLIPScrew Mounting Clips (2 pc) - to screw tighten slide brackets
OP-N4/144X36144x36mm clear lockable front cover-NEMA 4X, splash proof
OP-PA/144X36Panel Adapter for 144x36mm from 6 inch cutout

For Custom Face Plates and Scales see page 19.

Many other options and accessories are available. See full price list for more details.
Prices subject to change without notice.

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Texmate warrants that its products are free from defects in material and workmanship under normal use and service for a period of one year from date of shipment. Texmate's obligations under this warranty are limited to replacement or repair, at its option, at its factory, of any of the products which shall, within the applicable period after shipment, be returned to Texmate's facility, transportation charges pre-paid, and which are, after examination, disclosed to the satisfaction of Texmate to be thus defective. The warranty shall not apply to any equipment which shall have been repaired or altered, except by Texmate, or which shall have been subjected to misuse, negligence, or accident. In no case shall Texmate's liability exceed the original purchase price. The aforementioned provisions do not extend the original warranty period of any product which has been either repaired or replaced by Texmate.

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