



TEXMATE



LYNX FAMILY

BX-45

Lynx Panel Meter 4 1/2 DIGIT 0.56" LED in a 1/16 DIN Case

A versatile panel meter that utilizes many different types of plug-in signal conditioners.

General Features

- External transmitters or signal conditioners can be eliminated by directly connecting the sensor to more than 33 **I-Series** Plug-in Input Signal Conditioners that include:

- AC Current	- Process
- AC Voltage	- Prototype
- DC Current	- Resistance
- DC Voltage	- Strain-gage
- Load Cell	- Temperature
- Pressure	- 4 to 20 mA
- Precalibrated **I-Series** input modules, that have span or zero potentiometers, can be interchanged between any **I-Series** compatible meter, without recalibration, because all of the analog scaling and reference circuitry is self-contained within the module.
- 24 V DC excitation is available to power external transmitters and 5 or 10 V DC excitation is available for strain-gages, load cells and resistance bridge type sensors.
- Auto-sensing AC/DC power supply. For voltages between **85-265 V AC / 95-300 V DC (PS1)** or 15-36 V AC / 10-72 V DC (PS2).
- Standard red or optional green or super bright red 4 1/2-digit 0.56" LED with display range -19999 to 19999 (40000 counts).
- Display brightness may be externally controlled.
- 1/16 DIN (96 x 24mm) case easily mounts in thin or thick panels (up to 2").
- UL Listed

Input Module Compatibility

- LYNX FAMILY:** More than 33 different Plug-in **I-Series** Input Signal Conditioners are approved for Texmate's Lynx Family of meters.



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See www.texmate.com for an up to date listing.

Specifications

- Input Specs:**Depends on input signal conditioner
- A/D Converter:**16 bit dual slope
- Accuracy:**±(0.05% of reading + 3 counts)
- Temp. Coeff.:**100 ppm/°C (Typical)
- Warm up time:**2 minutes
- Conversion Rate:**3 conversions per second (Typical)
- Display:**.....**4 1/2 digit 0.56" Red LED display (std)**,
0.56" Green or Super Bright Red (optn).
Range -19999 to 19999 counts.
- Polarity:**Assumed positive. Displays - negative
- Decimal Selection:**.....Header under face plate, X•X•X•X•X
- Positive Overrange:**..All digits flash.
- Negative Overrange:** - negative sign and all digits flash
- Power Supply:**AC/DC Auto sensing wide range supply
PS1 (std)**85-265 VAC, 50-400Hz / 95-300 VDC @ 1.5W**
PS215-48 VAC, 50-400Hz / 10-72 VDC @ 1.5W
- Operating Temp.:**0 to 50 °C
- Storage Temp:**-20 °C to 70 °C.
- Relative Humidity:**95% (non condensing)
- Case Dimensions:**1/16 DIN, Bezel: 96x24mm(3.78"x0.95")
Depth behind bezel 122.2 mm (4.83")
Plus 12.7mm (0.5") for Right-angled connector.
- Weight:**7 oz., 9 oz when packed