TEXMATE MEASUREMENT CONTROL AUTOMATION EST. 1976



Optional Green Display & Descriptor

Optional Blue Display & Descriptor

LYNX FAMILY

BX-B31

Lynx Bargraph Meter 31 LED Segments in a 1/16 DIN Case

A versatile, modular bargraph with optional single or dual setpoints.

General Features

- 31 segment AC/DC powered modular compact bargraph.
- 1/16 DIN (96 x 24mm) case easily mounts in thin or thick panels (up to 2").
- Red (std), green (optional) or amber (optional) colors.
- Vertical or horizontal formats.
- External transmitters or signal conditioners can be eliminated by directly connecting the sensor to more than 33 **I-Series** Plug-in Input Signal Conditioning Modules that include:

– AC Current	– Process
– AC Voltage	– Prototype
– DC Current	– Resistance
– DC Voltage	– Strain-gage
– Load Cell	–Temperature
– Pressure	– 4 to 20 mA

- Pre-calibrated **I-Series** Input Signal Conditioning 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.
- High voltage power supply (PS1) 85 - 265VAC / 95 - 300 VDC Low voltage power supply (PS2) 15 - 48VAC / 10 - 72VDC
- Optional single or dual setpoints with easy adjustment from the front.
- Dual 4A Form "A" relays or one 4A Form "A" and one 9A Form "C" relays.
- Easy configuration of relays as high or low setpoints.
- Proportional brightness mode for increased effective optical resolution.

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. As shown on pages 3 to 5.

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

LYNX

Specifications

Input Specs: .....Depends on input signal conditioner

A/D Converter: .....31 step flash converter

Accuracy: .....±(0.05% of reading + 3 counts)

Temp. Coeff.: .....100 ppm/°C (Typical)

Warm up time:.....2 minutes

Display: .....Thirty-one 0.2" x 0.06" (5.08 x 1.52mm) LED segments. Red display (std), green (opt) or amber (opt)

Power Supply:.....AC/DC Auto sensing wide range supply

PS1 (std).....**85-265 VAC / 95-300 VDC @ 2.5W**

PS2 .....15-48 VAC / 10-72 VDC @ 2.5W

Operating Temp.: .....0 to 60° 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:.....198 gms (7 oz) 255 gms (9 oz) when packed