



LYNX FAMILY

BX-35

Lynx Panel Meter 3 1/2 DIGIT 0.56" LED in a 1/16 DIN Case

A versatile panel meter that utilizes many different types of modular 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 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.
- Auto-sensing AC/DC power supply. For voltages between **85-265 V AC / 95-300 V DC (PS1)** or 15-48 V AC / 10-72 V DC (PS2).
- Standard red or optional green or super bright red 3 1/2-digit 0.56" LED with display range –1999 to 1999 (4000 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.



LYNX

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

Specifications

- Input Specs:**Depends on input signal conditioner
- A/D Converter:**12 bit dual slope
- Accuracy:**±(0.05% of reading + 2 counts)
- Temp. Coeff.:**100 ppm/°C (Typical)
- Warm up time:**2 minutes
- Conversion Rate:**3 conversions per second (Typical)
- Display:****3 1/2 digit 0.56" Red LED display (std)**,
0.56" Green or Super Bright Red (optn).
Range –1999 to 1999 counts.
- Polarity:**Assumed positive. Displays – negative
- Decimal Selection:**Header under face plate, X•X•X•X
- Positive Overage:**...1 (MSD) is displayed with all other digits blank.
- Negative Overage:** 1 (MSD) and – sign are displayed with all other digits blank.
- 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 @ 4.0W
- 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