

TEXMATE



LYNX FAMILY

DX-40 Lynx Panel Meter 4 DIGIT 0.8" LED

DX-45 Lynx Panel Meter 4 1/2 DIGIT 0.56" LED Both in a 1/8 DIN Case



Large display DX-40
0.8" red or green LED

A versatile, standard and large display, series of digital panel meter for monitoring and measurement applications.

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
 - AC Voltage
 - DC Current
 - DC Voltage
 - Load Cell
 - Pressure
 - Process
 - Prototype
 - Resistance
 - Strain-gage
 - Temperature
 - 4 to 20 mA
- Pre-calibrated 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 15-48 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 DX-45).
- Display brightness may be externally controlled.
- Standard red or optional green 4-digit 0.8" LED with display range -9999 to 9999 (20000 counts DX-40).
- Optional NEMA-4X, IP-65 hinged, lockable, water and dust proof cover.
- 1/8 DIN (96 x 48mm) case easily mounts in thin or thick panels (up to 2"). May be ordered with optional extra fire resistant metal case.
- 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: **DX-45** 4 1/2 digit 0.56" Red LED display (std)
0.56" Green or Super Bright Red (optn).
Range – 19999 to 19999 counts.
..... **DX-40** 4 digit 0.8" Red LED display (std)
0.8" Green (optn).
Range – 9999 to 9999 counts.
Polarity: Assumed positive. Displays – negative
Decimal Selection: Header under face plate
DX-45 X·X·X·X·X
DX-40 ·X·X·X·X
Positive Overage: All digits flash.
Negative Overage: – 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
PS2 15-48 VAC, 50-400Hz / 10-72 VDC @ 1.5W
Operating Temp.: 0 to 50 °C
Storage Temp.: –20 °C to 50 °C.
Relative Humidity: 95% (non condensing)
Case Dimensions: 1/8 DIN, Bezel: 96x48 mm (3.78"x1.89")
Depth behind bezel: 117 mm (4.61")
Plus 11.8 mm (0.47") for Right-angled connector or plus 20 mm (0.79") for Straight-thru connector.
Weight: 8 oz., 11 oz when packed.