



LEOPARD FAMILY

PL-B101D40

Leopard Bargraph Meter 101 LED Segments in a 3/32 DIN Case

Red, 101 segment bargraph, with a 4-digit LED digital display for monitoring, measurement, and control applications, mounted in a 24x144 case.



General Features

- External transmitters or signal conditioners can be eliminated by direct connection of the sensor output to more than 38 Plug-in Input Signal Conditioners that include:
 - AC/DC Current – Pressure – Resistance
 - AC/DC Voltage – Process – Temperature
 - Load Cell – Prototype – 4 to 20 mA
- 24 V DC excitation is available to power external transmitters and 5 or 10 V DC excitation is available for resistance bridge type sensors such as Load Cells and Pressure Transducers.
- A red, 101 segment high brightness bargraph.
- Red 4-digit LED display with a range of 1999 to 9999 (12000 counts).
- Front panel LED annunciators provide indication of setpoint status.
- Two 9 Amp Form C, and two 4 Amp Form A relays available .
- Auto-sensing AC/DC power supply. For voltages between **85-265 V AC/95-300 V DC (PS1)**.
- Provision to connect an external programming lockout switch.
- Provision for external DIM switch to reduce the brightest display setting by 50%.
- Automatic intelligent averaging smooths noisy signals, while providing a fast display response to real level changes.

Software Features

- The bargraph can display, full scale, any desired portion of the digital reading.
- Four programmable setpoints.
- Setpoint 1 has delay-on-make and delay-on-break plus a special "pump on pump off" mode that creates a Hysteresis Band between SP1 and SP2.
- Bargraph center zero function.
- Relay activation can be selected to occur above (hi) or below (Lo) each setpoint.
- Digital display blanking.
- Decimal point setting.
- Four-level brightness control of the bargraph and digital display.

Input Module Compatibility

LEOPARD FAMILY: More than 38 different Plug-in **I-Series** Input Signal Conditioners are approved for Texmate's Leopard 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:14 bit single slope
Accuracy:±(0.05% of reading + 2 counts)
Temp. Coeff.:100 ppm/°C (Typical)
Warm up time:2 minutes
Conversion Rate:3 to 16 conversions per second
Display:4 digit 0.27" Red LED display (std).
Polarity:Assumed positive. Displays –ve sign.
Decimals:User programmable
Positive Overrange: ..Bargraph and top segments of digital display flash.
Negative Overrange: First segment of bargraph and bottom segments of digital display flash.
Display Range:–1999 to 9999 counts on digital display
 0 to 101 segments on bargraph
Relay Output:Two 4A form A and two 9A Form C relays.
Power Supply:AC/DC Auto sensing wide range supply
85-265 VAC, 50-400Hz / 95-300 VDC @4.2W
 18-48 VAC, 50-400Hz / 10-72 VDC @4.2W
Operating Temp.:0 to 50°C
Storage Temp:–20°C to 70°C.
Relative Humidity:95% (non condensing)
Case Dimensions:3/32 DIN, Bezel: 24x144mm (0.95"x5.69"),
 Depth behind bezel 128.6 mm (5.08"),
 Plus 14 mm (0.55") for connector.
Weight:9.5 oz., 12 oz when packed.