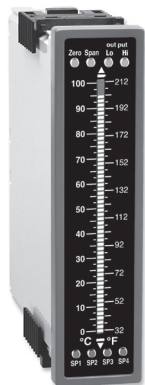


# TEXMATE



Center Bar  
for Dual Scale  
Applications  
(Tri-Color or  
Mono-Color)

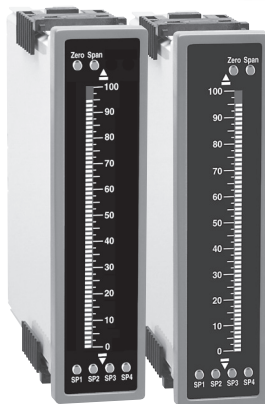


LEOPARD FAMILY



## FL-B101Q Leopard Bargraph Meter 101 Segment LEDs in a 9/64 DIN CASE

Smart mono-color digital bargraph  
with four fully programmable set points for  
monitoring, measurement, and control applications.



Left or Right Bar to match 6" Edgewise  
Mechanical Meters with Left or Right  
Pointers (Mono-Color only)



### Input Module Compatibility

**LEOPARD FAMILY:** More than 50 different Plug-in I-Series Input Signal Conditioners are approved for Leopard Family meters.



LEOPARD

### Specifications

**Input Specs:**.....Depends on range and function selected  
**A/D Converter:**.....14 bit single slope  
**Accuracy:**..... $\pm(0.05\%$  of reading + 1 segment)  
**Temp. Coeff.:**.....100 ppm/ $^{\circ}\text{C}$  (Typical)  
**Warm up time:**.....2 minutes  
**Conversion Rate:**.....10 conversions per second (Typical)  
**Bargraph Display:**.....**101 segment 4" vertical (std)**,  
horizontal (optn), **red (std)**, green (optn),  
one red one green (optn)  
**Polarity:**.....Selectable center zero  
**Positive Overrange:**..Bargraph display flashes  
**Negative Overrange:** First segment of bargraph display flashes  
**Relay Output:**.....Two 4 Amp Form A relays and Two  
9 Amp Form C relays  
**Analog Output:**.....Isolated 16 bit user scalable mA or V  
OIC (mAout).....4-20 mA @ 0 to 500 $\Omega$  max loop resistance  
OIV (volts out).....0-10 V DC @ 500  $\Omega$  or higher resistance  
**Power Supply:**.....AC/DC Auto sensing wide range supply  
**PS1 (std)**.....85-265 VAC, 50-400 Hz / 95-300 VDC @ 4.2W  
**PS2**.....15-48 VAC, 50-400 Hz / 10-72 VDC @ 4.2W  
**Operating Temp.:**.....0 to 50 $^{\circ}\text{C}$   
**Storage Temp.:**.....-20 $^{\circ}\text{C}$  to 70 $^{\circ}\text{C}$   
**Relative Humidity:**.....95% (non condensing)  
**Case Dimensions:**.....3/32 DIN, Bezel: 36x144 mm (1.42"x5.69")  
Depth behind bezel: (4.64") 117.5 mm  
Plus 10 mm (0.39") for Right-angled con-  
nector, or plus 18.3 mm (0.72") for Straight-  
thru connector, or plus 26.5 mm (1.05") for  
Push-On connector.  
**Weight:**.....9.5 oz., 12 oz when packed

### General Features

- 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)** or 15-48 V AC / 10-72 V DC (PS2).
- Optional isolated 16 bit analog output. User or factory scalable to 4 to 20 mA, 0 to 20 mA or 0 to 10 V across any desired span from  $\pm$  one bar to the full scale range
- Provision to connect an external programming lockout switch.
- Optional NEMA-4 front cover.
- 24 V DC excitation is available to power external 4/20 mA transmitters and 5 or 10 V DC excitation is available for resistance bridge type sensors.
- UL Listed

### Software Features

- The two 101 segment bargraph can be independently scaled.
- Bargraph center zero function.
- Four programmable setpoints.
- Relays activation can be selected to occur above (HI) or below (LO) each setpoint.
- Decimal point setting.