

TEXMATE

FL-B202Q

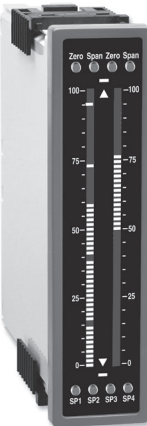
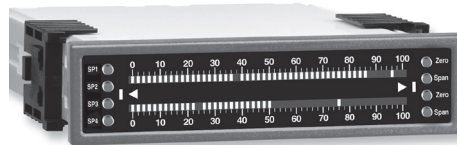
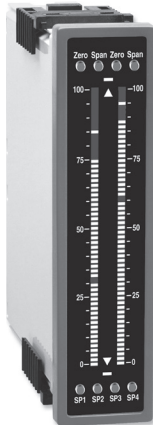
Leopard Bargraph Meter Dual 101 Segment LEDs in a 9/64 DIN CASE



LEOPARD FAMILY

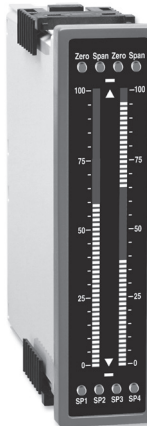


Dual - Inputs
with Dual Input IDP4
Universal DC volts, mA,
4-20mA Input Module
2 Setpoints per bar
Vertical or Horizontal
Configuration



MIN-MAX Display
on Right Bar with
Push Button Reset
Left Bar Displays
Single Input and
4 Setpoints using
Leopard Family
I-Series Input
Modules, such as
AC amps,
Temperature,
Pressure, etc..

Dual Tracking
Setpoints on Right
bar. Adjustable by
External Signal or
Potentiometer
input on CH2.
Left Bar Displays
Single Input on CH1
with Dual Input IDP4
Universal DC volts,
mA, 4-20mA
Input Module



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
- 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.
- Provision to connect an external programming lockout switch.
- Optional NEMA-4 front cover.
- UL Listed

Software Features

- Utilizes the unique Quickset programming system.
- The two 101 segment bargraphs can be independently scaled.
- Five user selectable operating modes.
- Center zero display mode selectable for one or both bargraphs.
- Four programmable setpoints.
- Relay activation is individually selectable to occur above (HI) or below (LO) for each setpoint.

Smart dual-bar, dual-input or Single-input bargraph
with up to four fully programmable set points and an isolated
independently scalable 16-bit Analog output.

Input Module Compatibility

- Dual input modes utilize the FL-B202Q specific IDP4 Universal DC Volts, mA, 4-20mA dual-input module.
- Single Input modes are compatible with the entire 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 Specification:	Depends on range & function selected
A/D Converter:	.....	14 bit single slope
Accuracy:	.....	\pm(0.05% of reading + 1segment)
Temp. Coeff.:	.....	100 ppm/ $^{\circ}$ C (Typical)
Warm Up Time:	.....	2 minutes
Conversion Rate:	.....	10 conversions per second (Typical)
Bargraph Display:	.....	101 segment 4" vertical dual red bars(std), Dual green bars(optn), one red bar and one green bar(optn) Horizontal bars(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 (mA out)	.....	4-20 mA @ 0 to 500 Ω max loop resistance
OIV (volts out)	.....	0-10 V DC @ 500 Ω 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 60 $^{\circ}$ C
Storage Temp:	.....	-20 $^{\circ}$ C to 70 $^{\circ}$ C
Relative Humidity:	.....	95% (non condensing)
Case Dimensions:	.....	9/64 DIN Bezel: 36x144 mm(1.42"x5.69") Depth behind bezel: (4.64") 117.5 mm Plus 10 mm (0.39") for Right-angled connector, or plus 18.3 mm (0.72") for Straight-thru connector
Weight:	.....	9.5 oz., 12 oz when packed