



LEOPARD FAMILY

# TEXMATE



**4 Digit 0.56" or 0.8" LEDs  
in a 1/8 DIN CASE**

## General Features

- Two header selectable transducer output ranges of 2mV/V and 20mV/V.
- 5V or 10V DC excitation provided by the meter
- Optional isolated 14 bit analog output. User or factory scalable to 4 to 20 mA, 0 to 20 mA or 0 to 10 V across any desired digital span from  $\pm$  one count to the full scale range of - 1999 to 9999 (12000 counts).
- Optional Isolated Modbus RTU RS-485 serial communication with selectable baud rate (9600, 19200), address and parity.
- Auto-sensing AC/DC power supply. For voltages between **85-265 VAC / 95-300 VDC (PS1)** or 15-48 VAC / 10-72 VDC (PS2).
- Standard red or optional green or super bright red 4-digit LED with display range -1999 to 9999 (12000 counts).
- Red or green 0.8" LED large display option
- Four annunciator LEDs provide front panel alarm status indication for up to four setpoints.
- Up to optional six relays in combination of six, four or two 4 Amp Form A relays or two 9 Amp Form C with two or four 4 Amp Form A relays are available.
- Automatic intelligent averaging smooths noisy signals, while providing a fast display response to real input signal changes.
- Three-button programming from the front panel (UP, DOWN and PROGRAM buttons).

## Software Features

- Front panel selectable four-level brightness control for digital display and setpoint LEDs.
- Four programmable setpoints.
- Relay activation can be selected to occur above (HI) or below (LO) each setpoint.
- Hysteresis setting for all four setpoints. Delay on make and delay on break for SP1 and SP2.
- Peak and Valley. View and Reset.
- Program Lock switch

## DL-40JANUS-SG

Two scaling methods - **MANUAL** (no external signal source required) and **AUTO** (required an external signal source). Optional Modbus RS-485 serial, analog and up to six relays output.

**A powerful smart meter to measure  
4 wire/6wire pressure transducers, strain gauges.**

## Specifications

- Input Configuration:** Differential  
**A/D Converter:** ..... 14 bit single slope  
**Accuracy:** .....  $\pm$ (0.05% of reading + 2 counts)  
**Temp. Coeff.:** ..... 100 ppm/ $^{\circ}$ C (Typical)  
**Warm up time:** ..... 2 minutes  
**Conversion Rate:** ..... 5 conversions per second (Typical)  
**Display:** ..... **4 digit 0.56" Red LED display (std)**,  
 0.56" Green, 0.8" Red/Green, or  
 0.56" Super Bright Red are optional.  
 Range 0 to 9999 counts.
- Polarity:** ..... Assumed positive. Displays - negative  
**Decimal Selection:** ..... Front panel button selectable, X•X•X•X•  
**Positive Overrange:** ..... Top segments of digital display flash  
**Negative Overrange:** ..... Bottom segments of digital display flash  
**Relay Output:** ..... Up to Six Relays in combination of six,  
 four or two 4 Amp Form A relays or two  
 9 Amp Form C with two or four 4 Amp  
 Form A relays.
- Analog Output:** ..... Isolated 16 bit user scalable mA or V  
 AIC (mA out) ..... 4-20 mA @ 0 to 500 $\Omega$  max loop resistance  
 AIV (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 / 95-300 VDC, 50-400Hz @ 3W**  
**PS2** ..... 15-48 VAC / 10-72 VDC, 50-400Hz @ 2.5W  
**Operating Temp.:** ..... 0 to 50  $^{\circ}$ C  
**Storage Temp.:** ..... -20  $^{\circ}$ C to 70  $^{\circ}$ 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  
 connectors, or plus 20 mm (0.79") for  
 Straight-thru connector.
- Weight:** ..... 6.5 oz., 8.5 oz when packed  
**Certification:** ..... UL Listed.