



LEOPARD FAMILY

TEXMATE



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

General Features

- 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-PROCESS

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 4-20mA/0-10V process Meter, Transmitter and Controller.

Specifications

Input Specs:.....Depends on Input signal conditioner
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 -1999 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 Ω max loop resistance
 AIV (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 / 95-300 VDC, 50-400Hz @ 3W**
PS215-48 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.