Compact, 22.5mm, DIN Rail Mount Transmitter

Triple Isolated: Power to Inputs
Power to Outputs
Inputs to Outputs

Accepts most common input signals
- DC - Volts, Amps, mV, mA
- AC - Volts, Amps, mV, mA, Line Frequency
- Load Cell, Pressure, Strain Gauge
- 3 Wire Potentiometer - Position, Resistance
- Temperature - Thermocouple, RTD Pt-100
- Proximity Switch - RPM or Frequency

Active, isolated analog output. 4-20mA / 0-10V
(No need of external 24V to power output)

Plug n Play. Ordered unit is setup to your exact requirements.

Special Functions: Hysterisis, Delay on Make and Brake.

Dual 9A Form C relays with NO and NC connections available.

24 VDC Excitation to power 4-20 mA loops and selectable 5 or 10 VDC to power Strain Gauge and Pressure / Load Cell.

Auto sensing AC/DC power supply 85-265 VAC / 95-300 VDC or optional 15-48 VAC / 10-72 VDC.

Remote programmer may be used as a remote display.

Popular Applications

- Frequency
  - Pulse Input
  - SP1
  - SP2
  - High Alarm
  - Low Alarm

- Temperature
  - T/C: J,K,R or T
  - SP1
  - SP2
  - High Alarm
  - Low Alarm

- Potentiometer
  - SP1
  - SP2
  - High Alarm
  - Low Alarm

Base Model Number:
- TL . . . . Standard model with Programmable Scale Factor
- TLF . . . . Frequency (Input only)
- TLH . . . . Temperature (Input only)
- TLRPM . . . RPM (Input only)
### Leopard TL Series Transmitters

#### ORDERING INFO

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#### BASE MODEL NUMBER

- **TL**: Standard model with Programmable Scale Factor
- **TLF**: Frequency (Input only)
- **TLH**: Temperature (Input only)
- **TLRPM**: RPM (Input only)

#### POWER SUPPLY

- **PS1**: 85-265VAC/95-300VDC
- **PS2**: 15-48VAC/10-72VDC

#### INPUT MODULES

Unless otherwise specified, Texmate will ship all modules precalibrated with factory preselected ranges and/or scalings as shown in **BOLD** type.

For TL and TLPF Series Transmitter Only

- **IA01**: AC-Volts Scaled RMS, 200/300VAC
- **IA02**: AC-Volts Scaled RMS, 200mV/2V/20V AC
- **IA03**: AC-volt Scaled RMS, 2/20/200mV AC
- **IA04**: AC-Amps Scaled RMS, 0-1 Amp AC (0-100.00)
- **IA05**: AC-Amps Scaled RMS, 0-5 Amp AC (0-100.00)
- **IA06**: AC-Volts True RMS, 200/300V AC
- **IA07**: AC-Volts True RMS, 200mV/2V/20V AC
- **IA08**: AC-mA True RMS, 2/20/200mV AC
- **IA09**: AC-Amps True RMS, 0-1 Amp AC (0-100.00)
- **IA10**: AC-Millivolt, Scaled RMS, 100mV AC
- **IA11**: AC-Amps True RMS, 0-5 Amp AC (0-100.00)
- **IA12**: AC-Millivolt, True RMS, 100mV AC
- **ID01**: DC-Volts, 2/20/200V/Custom w/24V DC Exc
- **ID02**: DC-Millivolt, 2/20/200/2mA DC w/24V DC Exc
- **ID03**: DC-Milliamp, 2/20/200mA DC w/24V DC Exc
- **ID04**: DC-Amps, 5A DC
- **ID05**: DC-Volts 2/20/200/Custom V D C w/Offset and 24V Exc
- **ID07**: DC-Milliamp, 2/20/200mA DC w/Offset and 24V Exc
- **ID09**: DC-Amps, 1A DC
- **IP01**: Process Loop, 4–20mA(0-100.00)
- **IP02**: Process Loop, 4–20mA(0-100.00) w/24VDC Exc
- **IP03**: Process Input, 1–5VDC(0-100.00) w/Offset, 24V Exc
- **IP07**: Universal Process 2V/5V/10V/20V/200V/2mA/20mA/Custom
- **IP02**: 3-Wire Potentiometer 1KΩ min (0-F.S.)
- **IP03**: Linear Potentiometer, 3-wire, 1KΩ min
- **IP05**: Resistance 2KΩ
- **IS01**: Strain Gage 5/10VDC Exc., 20/2mA/V, 4/6-wire
- **IS02**: Pressure 5/10VDC Exc., 20/2mA/V, 4/6-wire
- **IS04**: Pressure Ext. Exc., 20/2mV/V, 4/6-wire
- **IS05**: Pressure/Load Cell 20/2mA/V, 5/10V Exc 4-wire
- **IS06**: Pressure/Load Cell Ext. Exc., 20/2mA/V, 4-wire
- **IS07**: Pressure 20/2mV/V with High Impedance and External Excitation

*Temperature - For TLH Series Transmitter Only*

- **IT10**: Thermocouple, J/K/R/T, Selectable °C°F, 1°/0.1°
- **IT11**: RTD, 1000Ω Pt. Selectable 3/4-wire, °C°F, 1°/0.1°, 385/392
- **IT15**: RTD, 1000Ω Pt. Selectable 3/4-wire, °C°F, 1°/0.1°, 385/392

*Frequency - For TLF Series Transmitter Only*

- **IF05**: Frequency 2mV/5V with Excitation
- **IF08**: Line Frequency

*RPM - For TLRPM Series Transmitter Only*

- **IF05**: Frequency with 24V Excitation

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