

LOOP POWERED INDICATORS & PANEL METERS

LOOP POWERED INDICATORS

DEVAR loop powered indicators are designed to easily convert any standard 4 to 20mA loop signal to readout directly in engineering units.



Model LD-LPI


NEMA 4X, 3.5 & 4.5 DIGIT LOOP POWERED INDICATORS

Model LD-LPI (Large Display, 1 VDC drop) 



- 1 inch high characters
- 3-1/2 active digits and a non-active (fixed) zero
- Internal calibration



Model 18-LPI

Model 18-LPI (3.5 digit) 

Model 18-SLPI (3.5 digit) Compact Design 

Model 18-LPI-1V (3.5 digit) 1 VDC drop  & 

Model 18-SLPI-1V Compact Design 1 VDC drop  & 

- 0.5 inch character height

- -1999 to + 1999 display range, selectable decimal point
- -1999 to + 1999 count offset
- +/- 0.1% of span counts accuracy
- Optional square root display
- Factory mutual and CSA approved

Model 18-SLPI-4 (4.5 active digits) compact design

Model 18-LPI-4 (4.5 active digits)

- 0.4 inch character height

Model RTI Temperature Transmitter/Indicator

- +/- 0.1% linear to temperature
- Direct PT100 R.T.D. input
- 9.5 to 35VDC power requirements



EXPLOSION PROOF NEMA-7, 3.5 DIGIT LOOP POWERED INDICATORS

Model 18-LPIX (3.5 digit)

Model 18-LPIX-1V (3.5 digit) less than 1 volt drop CSA

- Input 4/20mA
- 3.0 VDC voltage drop @ 20 mA
- 0.98 VDC voltage drop @ 20 MA (Model 18-LPIX-1V only)
- 0.5 inch character height
- 2.0/second sample rate
- -1999 to +1999 display range, selectable decimal point
- -1999 to +1999 count offset (switch selectable)
- Square root readout option (flow applications)
- Non-interacting S&Z digital trim



EXPLOSION PROOF, 4.5 DIGIT LOOP POWERED INDICATOR

Model 18-LPIX-4 (4.5 digit)

- Input 4/20 mA
- 0.4 inch character height
- 2.4 second sample rate
- 0 to 39998 counts span range
- -199999 to +19999 count offset
- +/-3 counts accuracy

MOUNTING OPTIONS

- M36 Pipe Mount
- M31S Snap Track Mount
- M42 Conduit Mount
- M43 Panel Mount

- M46 NEMA 4X Panel for Model 18-SLPI & LD-LPI

PANEL METERS



Model 3011

1/8" DIN Panel Mounted 3000 Series Indicators

- Easy-to-read, 14-segment LED display
- Up to 4, 10 Amp S.P.D.T. alarm contacts
- Visible/audible alarm
- 24VDC transmitter power supply
- Analog retransmission
- Linear, square root, 17-point settable custom response
- Precise 10 VDC strain gage excitation curve
- RS232/485 digital retransmission

Devar Series 3000, 1/8 DIN Panel Indicators, offer the utmost in readability and ease of configuration using plain English prompts. The compact packages accept mV, S.G., T/C, RTD DCV, and pH/ORP signals directly. The units indicate the values via a 6-character, 14-segment LED. Each instrument is available as indicator only, or with 2 or 4 10 Amp SPDT alarm contacts and audible horn. RS232/485 or 4/20mA signal retransmission is optionally available. Precision 10 or 24 VDC power sources are also standard for exciting strain gages or mA loops.

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