

HIGH-PERFORMANCE INDICATOR FOR USE WITH AC-OUTPUT LVDT

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5-Digit Display for AC LVDTs

DPL53



DPL53 shown actual size.

GP911-1-S, gaging probe,
visit us online.

LD320 sensor,
visit us online.

- ✓ 3 V or 5 Vrms Excitation
- ✓ Standard Dual Relays, Analog Output, and RS232 Serial Output
- ✓ Large, 5-Digit Scalable Display
- ✓ Maximum, Minimum, and Averaging Functions
- ✓ 2, 4, or 10 Readings per Second Update
- ✓ Can be Powered by 90 to 265 Vac
- ✓ High-Speed Analog Output

The DPL53 is a high-performance, high-accuracy, single-channel transducer-conditioning device with a microprocessor-controlled, 5-digit scalable display. Five front-panel pushbuttons allow for simple calibration. All calibration values are stored in non-volatile memory to minimize setup procedures after a power failure. The meter has 2 alarm relays, which can be used for control, voltage and current analog output for signal retransmission, and RS232 serial output for use with a computer or printer. The 14.7 mm (0.58")

high LED digits are easy to read. Industrial users will find the DPL53 invaluable in automatic processing and testing, which requires a direct readout down to 1/10,000 mm or inch.

SPECIFICATIONS

Accuracy: $\pm 0.2\%$ FS ± 1 count
Input Ranges: 0.05 to 5 Vrms
Resolution: 18-bit
Input Resistance: > 100 k Ω
Excitation: Sine wave 3 or 5 Vrms @ 5.0 or 2.5 kHz, selectable
Display Type: Green LED, 14.7 mm (0.58") high digits
Display Digits: 5 digit (± 99999)
Setpoints: Front-panel programming with high/low and hysteresis selectability
RS232 Output: ACSII characters, bidirectional, 300 to 9600 baud rate

Analog Output: 0 to 10V @ 10 mA, 0 to 20 mA or 4 to 20 mA @ 12 Vdc
Operating Temperature: 0 to 50°C (32 to 122°F)
Storage Temperature: -10 to 70°C (14 to 158°F)
Span Temperature Coefficient: ± 50 ppm/°C
Warm-Up Time: 1 hour
Input Connection: Screw terminal
Power Requirement: 90 to 265 Vac @ 50 to 60 Hz
Power Consumption: 120 VA maximum
Dimensions: 48 H x 93 W x 173 mm D (1.89 x 3.66 x 6.8")
Panel Cutout: 44.5 H x 93 mm W (1.75 x 3.66")
Weight: 0.4 kg (0.88 lb)

To Order

MODEL NO.	COMPATIBLE TRANSDUCERS
DPL53	GP911 (page J-5), LD320 (page J-10)

Comes complete with operator's manual.
Ordering Example: DPL53, LVDT indicator.

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