

DLR 334 Series

Digital Pressure Indicators



Table top model



Table top/panel mount model

Please refer to price pages for part numbers and part numbering guide.

With high-accuracy features and a full range of options, the DLR 334 digital pressure indicator is the obvious choice for a wide range of pressure applications.

From jet engine to automotive, machine tool to general manufacturing, the DLR334 is perfect for use in test stand monitoring. With large red LEDs, selectable resolution, up to 20 selectable engineering units, and up to 0.05% of reading accuracy, this unique model provides reliable, repeatable performance up to 10,000 psi.

Flexible features and options also allow the DLR334 to serve as a calibrator. Other advantages, such as a variety of network communications capabilities, peak hold and freeze modes, and optional relays and setpoints, only enhance the 334's performance power. Available in panel mount or table top configurations, the DLR334 lends itself to custom use in calibrating a variety of devices, including pressure gages, pressure transducers, pressure switches, relief valves, and burst discs.

The DLR 334...providing the ultimate in accuracy and affordability for high-pressure applications.

Applications

- Test stands
- On-site manufacturing pressure monitoring
- Transfer standard
- Low-cost digital data logging of readings

Standard Features

- Two models available: table top/panel mount or table top only
- 115 or 230 VAC operation
- Ranges from vacuum to 10,000 psi
- 20 selectable engineering units
- Freeze mode for pressure switch testing
- Panel and table top units available
- 0.05%, 0.1% , or 0.25% of reading, all from 20% of full scale and above
- Selectable resolution
- N.I.S.T. traceable
- Digital outputs: RS-232, RS-422, and RS-485
- Min/Max pressure readings
- Accuracy is percent of reading

Options/Accessories

23113** ... TMU295 ticket printer

31278** ... TM-300 tape printer

15547 25-pin interface cable

63255 Additional operating manual

Additional options available*

Standard unit plus two relays and setpoints

Standard unit plus 0-10 VDC and 4-20 mA outputs

Standard unit plus parallel BCD output

* Please refer to price pages for part numbers and part numbering guide.

** Consult factory for printer specifications.

OVERALL ACCURACY:

0.05% of reading, 0.1% of reading, 0.25% of reading all from 20% of full scale and above. Below 20% of full scale units remain 0.05%, 0.1%, or 0.25% of 20% of full scale range. Includes all effects of linearity, hysteresis, repeatability, and ambient temperature. No temperature effect from 40° F to 140° F. N.I.S.T. traceable.

TEMPERATURE RANGE:

Operating: 40°F to 140°F (4° C to 60° C)
 Storage: 0°F to 185°F (-17° to 85° C)
 Warm up: 3 minutes to rated accuracy, 15 minutes to complete stability

CALIBRATION:

Full N.I.S.T. traceability. Calibration points can be adjustable for operator convenience. Calibration via front panel and/or digital interface.

RESOLUTION:

Adjustable, 50,000 display counts (maximum) of range

DISPLAY SIZE:

Two-line, six-digit, 0.6" high numeric display, eight alpha characters per line, three annunciator light bars, bright red Light Emitting Diode (LED)

DISPLAY UPDATE:

Adjustable, 100 ms maximum

MEDIA COMPATIBILITY:

Any media compatible with 17-4PH or 15-5PH stainless steel

OVERPRESSURE:

200% of range (minimum)

POWER REQUIREMENTS:

115 or 230 VAC

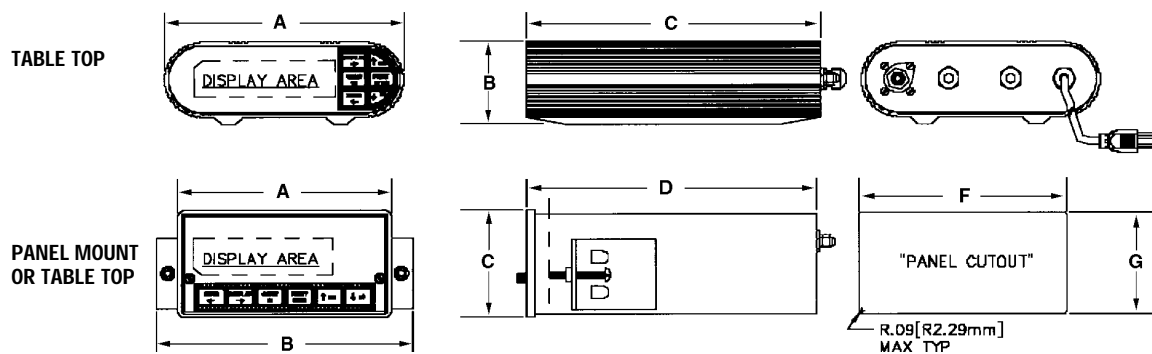
CASE MATERIAL:

Single piece extruded aluminum or panel mount sheet metal

WEIGHT:

Panel Mount: 4 lb (1.8 kg)

Table Top: 6 lb (2.7 kg)



DIMENSIONS

Table Top Model

A = 8.46" (214mm) C = 10.5" (266.70mm)

B = 2.94" (74.67mm)

Panel Mount Model

A = 7.56" (192.02mm) D = 10.35" (262.89mm)

B = 9.14" (232.15mm) F = 7.38" ±0.03 (187.45mm)

C = 3.78" (96.01mm) G = 3.6" ±0.03 (91.44mm)

