

DLR334 Digital Pressure Indicator



DLR334 - Table top model



DLR334 - Table top/panel mount model

Additional model available:

DLR3110 - 19 inch wide Rack-Mountable Version of DLR334 with patented precision ORION valve assembly and vernier.

DIGITAL INDICATORS/GAUGES

DIMENSIONS

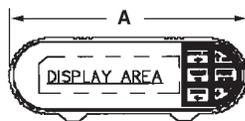
DLR334 - Table Top Model

A	8.46 in. (214 mm)
B	2.94 in. (74.67 mm)
C	10.5 in. (266.70 mm)

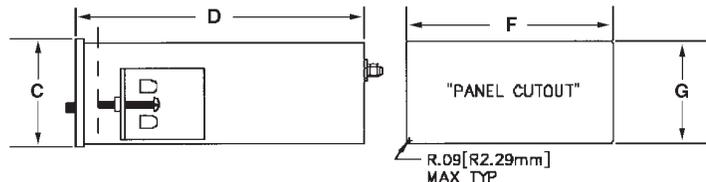
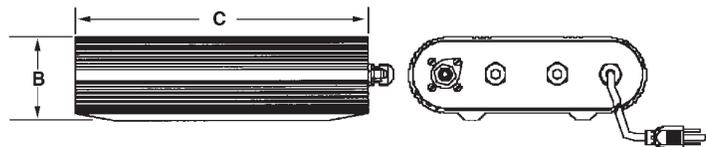
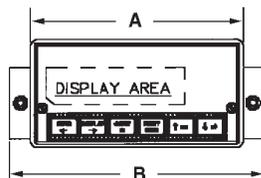
DLR334 - Panel Mount or Table Top Model

A	7.56 in. (192.02 mm)
B	9.14 in. (232.15 mm)
C	3.78 in. (96.01 mm)
D	10.35 in. (262.89 mm)
E	7.38 in. ±0.03 (187.45 mm)
F	3.6 in. ±0.03 (91.44 mm)

TABLE TOP



PANEL MOUNT or Table top



STANDARD FEATURES

- 115 or 230 VAC operation
- Ranges from vacuum to 10,000 psi
- 20 selectable engineering units
- Freeze mode for pressure switch testing
- 0.05% of reading, 0.1% of reading, or the economical 0.25% of reading model
- Selectable resolution
- Digital outputs: RS-232, RS-422, and RS-485
- Min/Max pressure readings
- Accuracy is percent of reading from 20% of F.S.
- Different technicians can operate the unit and get identical results...every time
- Gases or Fluids compatible with 17-4PH or 15-5PH may be used
- Calibration Certificate included - traceable to the National Institute of Standards and Technology (NIST)

APPLICATIONS

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

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. NIST traceable

Temperature Range:

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

Calibration:

Full NIST 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 in. 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:

DLR334 Table top: 7.5 lb (3.4 kg)
DLR334 Panel mount or table top: 8.7 lb (3.9 kg)

DLR334 Digital Pressure Indicator

MODEL/PRICE

MODEL CONFIGURATION	DESCRIPTION	EST. SHIP WEIGHT	PRICE
DLR334 A() () AA	Table top, 0.05%, standard unit	9 lb	Consult
DLR334 A() () BA****	Table top, 0.1%, standard unit	9 lb	Consult
DLR334 A() () CA	Table top, 0.25%, standard unit	9 lb	Consult
DLR334 C() () AA	Table top w/rubber feet, 0.05%, standard unit	7 lb	Consult
DLR334 C() () BA****	Table top w/rubber feet, 0.1%, standard unit	7 lb	Consult
DLR334 C() () CA	Table top w/rubber feet, 0.25%, standard unit	7 lb	Consult
DLR334 D() () AA	Panel mount, 0.05% standard unit	7 lb	Consult
DLR334 D() () BA****	Panel mount, 0.1% standard unit	7 lb	Consult
DLR334 D() () CA	Panel mount, 0.25% standard unit	7 lb	Consult

OPTIONS/ACCESSORIES

PART #	DESCRIPTION	PRICE
19297	DLR334 panel mount adapter kit (included in panel mount models, not available for black extruded model)	Consult
63255	Additional operating and maintenance manual for DLR334	Consult

Additional options available:

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

****PSIA not available in 0.1% accuracy models

DLR334 Model Numbering Guide

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ENCLOSURE _____

A = Table top unit (single piece aluminum extrusion)**
 C = Tan Rectangular Table top unit w/rubber feet
 D = Tan Rectangular Panel mount unit (add'l cost \$115.00)***

POWER _____

A = 115 VAC, 50/60 Hz
 D = 230 VAC, 50/60 Hz

RANGE _____

A = 0-3 psig	G = 0-250 psig	M = 0-10,000 psig add'l cost \$700.00	T = 0-250 psia
B = 0-10 psig	H = 0-500 psig	V = 0-500 psia*	
C = 0-15 psig	J = 0-1000 psig	N = 0-15 psia	W = 0-1000 psia*
D = 0-25 psig	K = 0-2500 psig	P = 0-25 psia	Y = 0-2500 psia*
E = 0-50 psig	L = 0-5000 psig add'l cost \$400.00	R = 0-50 psia	Z = 0-10,000 psia*
F = 100 psig		S = 0-100 psia	add'l cost \$700.00

ACCURACY _____

A = 0.05% Indicate value from 20% full scale. **Base cost \$3,595.00**
 B = 0.1% Indicate value from 20% full scale****. **Base cost \$2,795.00**
 C = 0.25% Indicate value from 20% full scale. **Base cost \$2,495.00**

OPTIONS _____

A = Standard unit which includes multiple engineering units, min/max, freeze mode, RS-232, RS422, & RS485
 B = Standard unit plus two relays and setpoints option (NO LONGER AVAILABLE)
 C = Standard unit plus 0-10 VDC and 4-20 mA outputs (add'l cost \$275.00)
 D = Standard unit plus parallel BCD output (add'l cost \$150.00)

*NOTE: Pressure ranges V, W, Y, and Z are not available in the 0.25% accuracy rating.
 ****NOTE: Includes panel mount brackets.
 *****NOTE: PSIA not available in 0.1% accuracy models.

Determine model configuration before ordering
Example: DLR334ADAAA = DLR334 (A)Table top unit, (D)230 VAC, (A)0-3 psig, (A)0.05%, (A)standard unit