

# DGP40DL SERIES

## DIGITAL GAUGE W/DATA LOGGER

**ACCURATE. RELIABLE.  
DATA YOU CAN TRUST.**

4" (100mm) Digital Pressure Gauge  
with Built-in Data Logger



### DESCRIPTION & FEATURES:

- 4" Dial (100mm) 304 SS case digital gauge with 316 SS sensor and thread.
- Available with 1/4" or 1/2" NPT bottom connection standard. Other thread sizes & types available upon request.
- Standard ranges from 0 to 15,000 psi.
- 0.25% accuracy for ranges above 15 psi, 0.5% accuracy for ranges ≤15 psi.
- USB connection for data download/output.
- Data Capacity: 260,000 pieces of data
- 5-year warranty.



### APPLICATIONS:

Merit's **DGP40DL Series** digital pressure gauge is designed for a wide variety of applications that require an easy-to-read digital display suitable for 316 SS thread and sensor that has a built-in data logger. This highly accurate and flexible pressure gauge easily replaces older analogue style gauges that can be difficult to read, and the standard 0.25% - 0.50% accuracy rating will be appreciated in applications where accuracy is critical for optimizing your process.

The data logger allows the user to quickly download gauge data through a USB cable and quickly saving this valuable data directly on your laptop. This is ideal for monitoring performance data of your system and operation. The Merit DGP40DL stores up to 260,000 pieces of data allowing quick and easy analysis of recorded data for a host of pressure applications.

### SPECIFICATIONS:

Dial:	4" (100mm)
Case:	304 stainless steel.
Display:	5 digit LCD display with backlight (15 minute timer).
Socket:	316 stainless steel.
Accuracy:	0.25% accuracy for ranges above 15 psi, 0.5% accuracy for ranges ≤15 psi.
Connection:	1/4" NPT or 1/2" NPT standard. Other sizes and thread types are available upon request.
Output:	USB connection.
Data Capacity:	260,000 pieces of data.
Battery:	3.6 Vdc.
Overload Capacity:	150% of scale.
Pressure Units:	Standard psi, Bar, kPa, MPa, and kg/cm <sup>2</sup> switchable units.
Operating Temperature:	14°F to 176°F, -10°C to 80°C
IP Rating:	IP65

#### 4" (100 mm) DIAL DIGITAL PRESSURE GAUGE – 1/4" NPT BOTTOM CONNECTION

Range	Code	Range	Code
0/15 psi	DGP40DL015	0/600 psi	DGP40DL600
0/30 psi	DGP40DL030	0/1000 psi	DGP40DL1000
0/60 psi	DGP40DL060	0/1500 psi	DGP40DL1500
0/100 psi	DGP40DL100	0/2000 psi	DGP40DL2000
0/160 psi	DGP40DL160	0/3000 psi	DGP40DL3000
0/200 psi	DGP40DL200	0/5000 psi	DGP40DL5000
0/300 psi	DGP40DL300	0/10000 psi	DGP40DL10000

#### 4" (100 mm) DIAL DIGITAL PRESSURE GAUGE – 1/2" NPT BOTTOM CONNECTION

Range	Code	Range	Code
0/15 psi	DGP40DL515	0/600 psi	DGP40DL5600
0/30 psi	DGP40DL530	0/1000 psi	DGP40DL51000
0/60 psi	DGP40DL560	0/1500 psi	DGP40DL51500
0/100 psi	DGP40DL5100	0/2000 psi	DGP40DL52000
0/160 psi	DGP40DL5160	0/3000 psi	DGP40DL53000
0/200 psi	DGP40DL5200	0/5000 psi	DGP40DL55000
0/300 psi	DGP40DL5300	0/10000 psi	DGP40DL510000