

DTG-2000 Series Digital Pressure Test Gauge



FEATURES:

- . 0.2% Full scale (FS) accuracy
- . Pressure ranges from -1 Bar to 1000 Bar
- . Six selectable pressure units
- . Easy to read LCD display with five-digit resolution
- . Additional bar graph for quick visual reference
- . Minimum/maximum function
- . IP65 protection Class
- . Optional 4-20mA output,

DESCRIPTION:

DTG-2000 Series is a collection of low power consumption digital pressure gauges consisting of a single chip, LCD display, pressure sensor and a case. It is housed in a stainless steel case and has the advantages of a good seal, high accuracy and excellent stability. This gauge is widely applied to the field of industrial pressure measuring, food industry, chemical engineering, pressure calibration and many more. Supplied as a stand-alone pressure indicator or in a kit with the widely proven GPS hand pumps, the DTG-2000 series provides a reliable and economic solution for a wide range of pressure sensing applications.

TECHNICAL SPECIFICATION:

Accuracy: 0.2% FS include linearity and hysteresis
Special function: Min/Max/ZERO
Operating temperature range: -10 to 60 °C
Temperature stability: ≤0.05% FS/°C
Pressure media: all liquid and gas compatible with AISI316
Case material: SUS304
Case size: 3" diameter
Pressure unit: Kpa, bar, Mpa, Psi, Kgf, mbar
Pressure connection: 1/4 NPT male
 (1/2NPT, 1/2BSP, M20, 1/4BSP are as optional)
Sealing: IP65
Burst pressure: 3 x FS
Over pressure: 2 x FS@ < 350 Bar, 1.5 x FS >350 Bar
Power supply: 4 x AAA size alkaline battery (1200h lifetime)
Conformity: EN61010(2001)-EN61326-1-EN61326/A1
Warranty: 1 year

ORDERING INFORMATION:

DTG-2000- A - B - C
 A: Pressure range code
 B: Output options (0=NONE, 1=SPDT, 2=4-20mA, 3=0-20mA, 4=0-10v, 5=0-5V, 6=SPDT/0-10V)
 C: Connection port(0=1/4 NPT, 1=1/2 NPT, 2=1/4BSP, 3=1/2BSP, 4=M20X1.5, 5=G1/2)
 Typical order code: DTG-2000-10G-0-0 10Bar, 1/4 NPT connection port, None output.

PRESSURE RANGE CODE:

Range code	Range
1G	-1 to 1 bar
2G	-1 to 2 bar
4G	-1 to 4bar
6G	-1 to 6bar
10G	-1 to 10bar
16G	-1 to 16bar
20G	-1 to 20bar
25G	-1 to 25bar
40G	-1 to 40bar
60G	-1 to 60bar
100G	-1 to 100bar
150G	-1 to 150bar
250G	-1 to 250bar
350G	-1 to 350bar
600G	-1 to 600bar
700G	-1 to 700bar
1KG	-1 to 1000bar