

DPG280B Digital Pressure Gauge

DPG280B Digital Pressure Gauge is portable, field digital gauge. With advanced microprocessor technology and state-of-the-art silicon pressure sensors, DPG280B test gauges provide a reliable economic solution for pressure application in the industries of power, chemical, petrol, oil & gas metallurgy, metering, etc. Every DPG280B Digital pressure gauge passes the high and lower temperature aging, so it could assure the products more accurate and reliable.



Applications

- ◇ Water treatment system
- ◇ Water pump and air compressor
- ◇ Mechanical and electrical equipment automation
- ◇ Construction machinery
- ◇ Medical equipment
- ◇ Hydraulic and pneumatic systems
- ◇ Laboratory
- ◇ Test stand

Features:

- ◆ Pressure range to 1600bar
- ◆ Accuracy: 0.4%F.S
- ◆ 4 bits big LCD display with Back light,
- ◆ 304 Stainless steel housing
- ◆ 13 kinds of pressure unit switching (inHg, inH₂O, MPa, bar, kgf, mH₂O, PSI, kPa, mmHg, torr, mbar, mmH₂O, Pa);
- ◆ Zero clearing, On/off button,
- ◆ Low voltage alarm,
- ◆ Maximum and minimum function
- ◆ Dry-Battery-powered, low power design keeping it work more than 12 months
- ◆ With pressure scale bar, indicating the current pressure percentage
- ◆ Strong media compatibility, can measure water, oil, gas and other media that are non-corrosive to stainless steel

Parameter index

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|--------------------------|---|
| Pressure Range | Vacuum range: (-30~0)"Hg, 0-1bar (absolute pressure) 0-2.5bar (absolute pressure) 0-4bar (absolute pressure) 0-10bar (absolute pressure) Compound range: (-1~1)bar (-1~2.5)bar (-1~4)bar (-1~6)bar (-1~10)bar (-1~25)bar (25~25)mbar, (-50~50) mbar, (-100~100)mbar, (-0.25~0.25) bar, (-0.5~0.5) bar Micro pressure range: (0~20)mbar, (0~50) mbar, (0~100) mbar, (0~250) mbar, (0~500) mbar, (0~1) bar Conventional range: (0~1.6)bar (0~2.5) bar (0~4) bar (0~6) bar (0~10) bar (0~16) bar ... (0~600) bar High pressure range: (0~1000) bar (0~1600) bar |
| Over Pressure | Range \geq 100bar 150%; Range<100bar 200% |
| Acc. | 0.4%FS |
| Size | 80mm |
| Temperature compensation | 10~ 30°C |
| Supply | 3V(2 batteries of AAA) |
| IP rating | IP65 |
| Peak values | Max,min |
| Display updated rate | 5 times/second (or according to client's demand) |
| Measurement Medium | Gas, water, oil |
| Pressure Connection | 1/4"NPT |
| Connector Material | 304SS |
| Housing Material | 304SS |
| Electric Protection | Reverse protection, anti-electromagnetic interference |
| others | With pressure scale bar, indicating the current pressure percentage |

Structure diagram

