

Additel 680

Digital Pressure Gauges

- Pressure ranges to 10,000 psi (700 bar)
- 0.25%FS accuracy
- Fully temperature compensated accuracy
- IP67
- Data logging and wireless (Optional model)



Gauge pressure

680 with rubber boot (Optional)

OVERVIEW

With advanced microprocessor technology and state-of-the-art silicon pressure sensors, the 680 series digital pressure gauges provide an accurate, reliable, and economic solution for a wide range of pressure applications. They are loaded with functionality and remarkably easy to use. To reach the best performance, every silicon pressure sensor in our gauges is specially aged, tested and screened before assembly. With data logging and wireless features, the 680W gauge can store pressure measurement data in the internal memory or display them on PC through wireless communication. The 680 series digital pressure gauges are unmatched in performance and reliability. Best of all, they are very affordable.

FEATURES

- Pressure ranges to 10,000 psi (700 bar)
0.25% full scale accuracy
- Fully temperature compensated accuracy
from 14°F to 122°F (-10°C to 50°C)
- Up to 13 selectable pressure units, 6 customized
definition engineering units
- Large, easy to read display with 5-digit resolution
- Backlit display
- Icon-based menu
- Display flash warning when pressure exceeds
120% of FS
- Stainless wetted surface construction
- IP67 (submersible in 1 meter of water)
- Drop-tested from 1 meter
- 2 AA alkaline batteries
- CE RTTE, FCC ID, IC ID Certificates
- NIST traceable calibration with data(included)

SPECIFICATIONS

- **Model**
ADT680: Regular version
ADT680W: Data logging and wireless version
Pressure Type: Gauge
- **Performance**
Accuracy: 0.25%FS
Update Rate: 10 times/Sec ,3 times /Sec (default),
1 time /Sec ,1 time/15 Seconds
Operating Temperate: 14°F to 122°F (-10°C to 50°C)
Compensated Temperate: 14°F to 122°F (-10°C to
50°C), accuracy Guaranteed
Storage Temperature: -4°F to 158°F (-20°C to 70°C)
Overload Pressure: 1.2X
- **Power Supply**
Battery: 2 x AA alkaline (LR6) batteries
Recommend: Duracell MX1500, EnergizerE91,
Panasonic LR6, Duracell 15AU
Usage Period:
10/Sec:1500Hours; 3/Sec: 3000Hours;
1/Sec: 6000Hours; 1/15Sec: 12000Hours
Rated Power: 3.0VDC I_{max}=30mA P_{max}=90mW
- **Material**
Wetted Surface: All wetted surfaces are 316L
Stainless Steel with welded design (no O-ring,
thread tape, epoxy, or sealant on any part of the
sensor assembly)
Case: PC+ABS
Protective Cover: Silicone Rubber (Optional)

