

**LED Digital Pressure Gauge
DPR-B80/B90**



Features

- 4 digital LED display pressure, Accuracy $\leq 0.5\%$
- Three pressure units available (Psi, Kg/cm², Mpa)
- Anti-electromagnetic interference design
- Zero clearing with one button

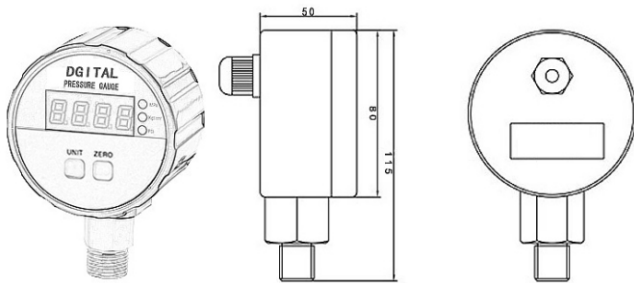
Applications

- Machine Automation
- Engineering Machinery
- Pump & compressor
- Hydraulic System
- Electromechanical Integration Equipment
- Medical project
- Pipeline engineering

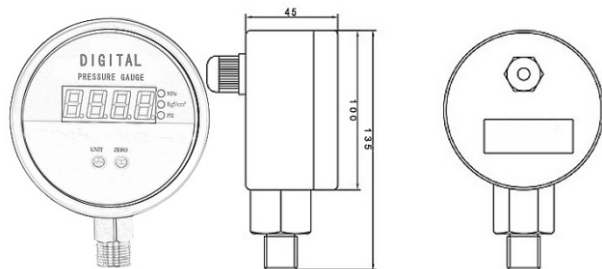
Technical data

Model	DPR-B80	DPR-B90
Pressure range	General type: 0~1, 2, 3, 4, 5, 10, 20, 30, 40, 50, 60Mpa Micro type: 0~0.2, 0.5Mpa Negative type: -0.1~0.1Mpa	
Pressure unit	MPa, kgf/cm ² , PSI adjustable	
Overload pressure	150%	
Accuracy grade	$\pm 0.5\%$ FS	
Power supply	24VDC, 220VAC, 380VAC	
Sampling frequency	10 times/sec	
Operating temperature	-20 ~80 °C	
Compensation Temperature	-10 ~60 °C	
Measurement medium	Gas, water, oil (compatible with 316 stainless steel)	
Electric protection	Short-circuit protection, reverse polarity protection, anti-electromagnetic interference design	
Pressure connector	M20*1.5, G1/2, G1/4, NPT1/2, NPT1/4 (other connector could be customized)	
Connector material	304SS	
Optional module	RS485 Modbus Communication	
Dial diameter	80mm	100mm
Shell material	ABS	304SS
Mounting methods	Radial direction only	Axial direction or radial direction optional
Weight	0.4Kg	0.6Kg

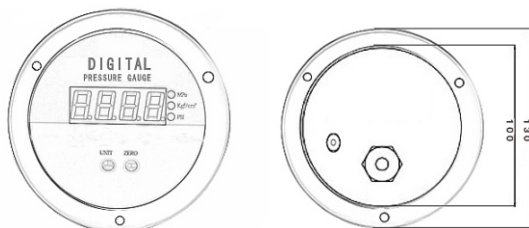
Dimensions(mm)



DPR-B80 Radial direction

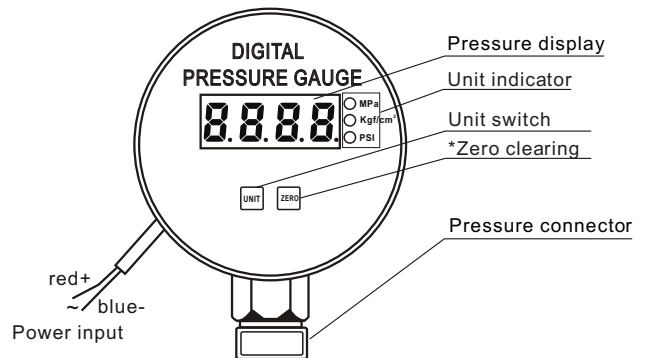


DPR-B90 Radial direction



DPR-B90 Axial direction

Front Panel View



***Zero clearing**

Make sure pipeline is not pressurized, press ZERO for 5s, the value will set to 0. Do not do this if not necessary.

GENERAL SAFETY
POTENTIALLY HAZARDOUS VOLTAGES ARE PRESENT AT THE TERMINALS OF THE RELAYS.
ALL ELECTRICAL POWER SHOULD BE REMOVED WHEN CONNECTING OR DISCONNECTING WIRING.
THIS DEVICE SHOULD BE INSTALLED AND SERVICED BY QUALIFIED PERSONNEL.



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Note: specifications are subject to change without notice.