

Digital Differential Pressure Gauge XY-DPG2201

Typical Feature

- PA66 shell, dial diameter 123.5mm
- With pressure scale bar, indicating the current pressure percentage
- 5-Digits display with high resolution
- Accuracy Level: 2%FS($\leq 100\text{Pa}$), 1%FS($> 100\text{Pa}$)
- Powered by 2 cells AA Battery Power, standby time 12 months
- Record Maximum and Minimum pressure data, Sound-light alarm
- 10 pressure Multi-unit switching
(mH₂O, PSI, inHg, kPa, inH₂O, mmHg, torr, mBar, mmH₂O,Pa)
- One key reset to Zero



Brief Introduction

XY-DPG2201 is a high precision Differential Pressure Gauge, which was built-in high accuracy pressure sensor, it displays real time pressure data at short response time, the typical characteristics are high accuracy and excellent long-term stability.

The Differential Pressure Gauge has a large size LCD display with 5-Digits. There are 3 buttons on front panel to control Reset, Backlit display, Power On/Off, Unit converting, low voltage alarm, high voltage alarm.

The installation method is the same as that of mechanical differential pressure gauge, which is convenient for engineering personnel to install and debug on site.

This series of differential pressure gauges can be used to measure and control high precision differential pressure in clean room, operating room, clean room, ventilation system, fan test, etc.

Suggested Applications

- Clean room
- Operating room
- Clean room
- Ventilation system, fan test
- Fan test
- Customized Applications

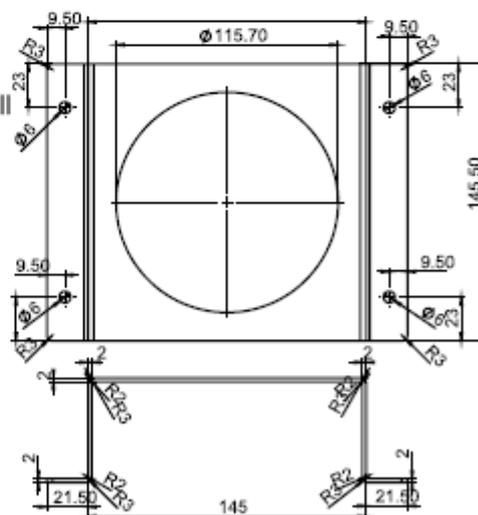
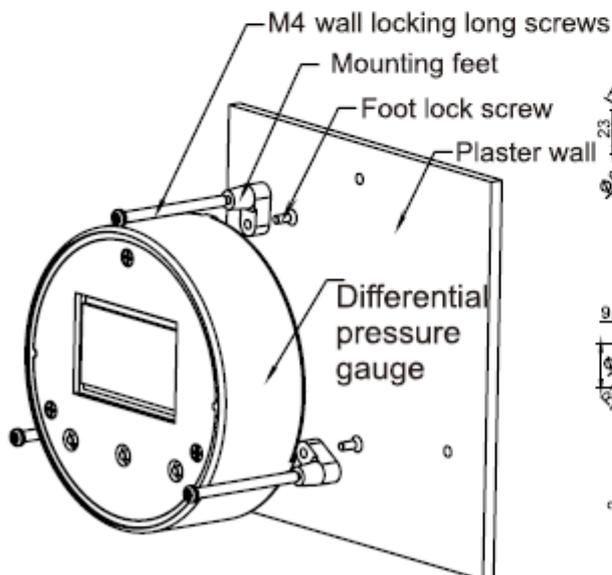
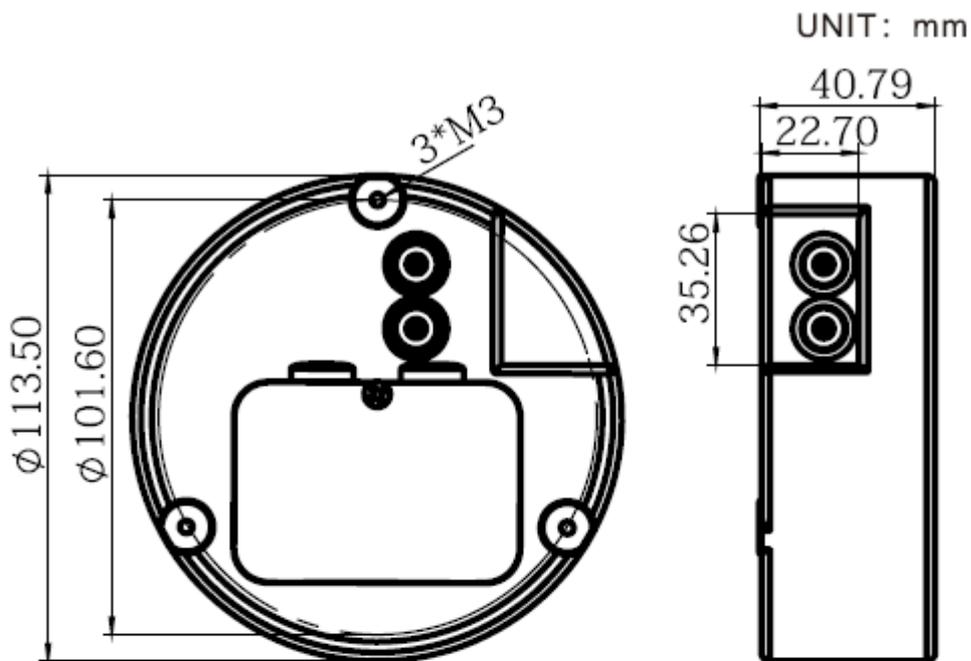
[More details for XY-PG200, please contact us.](#)

Specification

Model	XY-DPG2201
Composite Range	-30~30/-60~60/-125~125/-250~250/-500~500Pa -1~1/-2.5~2.5/-5~5kPa
Pressure Type	Differential Pressure Test
Dimension	Diameter $\Phi 120.5$
Overload Capacity	7KPa (<2KPa); 500% ($\geq 2\text{kPa}$)
Measurement Medium	Cleared air
Accuracy Level	2% FS ($\leq 100\text{Pa}$) 1 % FS ($> 100\text{Pa}$) (subject to label)

Long-Term Stability/Year	Typical: $\pm 0.5\%$ FS;
Sample Frequency	2 times/Second
Operation Temperature	-10~60°C;
Storage temperature	-40-80°; Humidity (0 - 95% RH)
Alarm type	low alarm (ON-L), high alarm (ON-H)
Alarm method	sound and light alarm
Power supply voltage	2 AA batteries
Dial display	LCD display
Pressure interface:	3x5 mm airpipe
Shell material	PA66

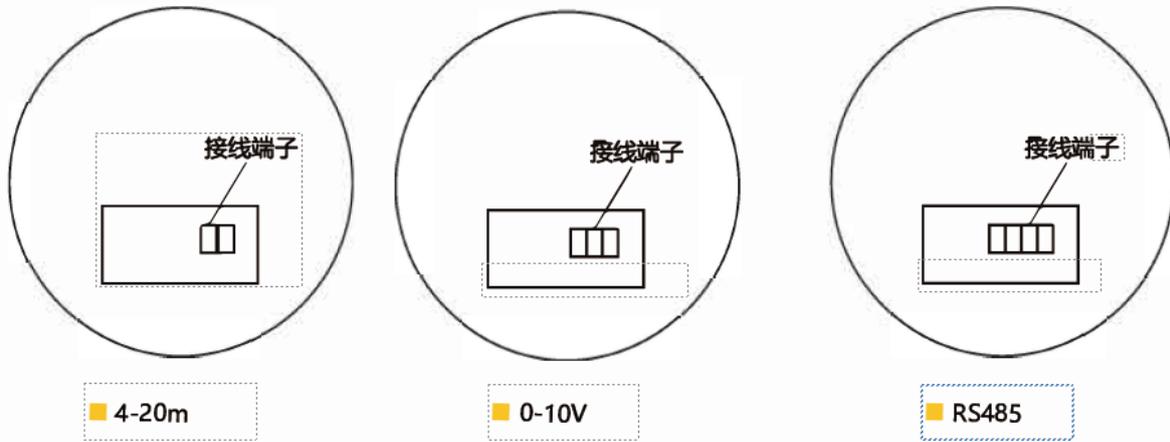
Dimension(mm)



Bracket installation diagram

Dimension drawing of mounting bracket

Connection terminals



How To Order

XY-	PGDP	-	220X	-	(-30~30)Pa	-	A	-	6	-	P2	-	C4
	Differential Pressure		2201 Minimum(-30~30Pa) 2203 Minimum(-60~60Pa)		X Pa (-X~X Pa) X K (-X~X KPa)		A (4~20mA) 0 No-output V1 (0~10V) R (RS485)		6 1% 8 2%		P0 Battery P2 (24VDC)		CX (φX Pagoda-Shape Connectors)

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