

RS232 MANOMETER



NEW



3 mm / 6mm/ 10 mm
Pressure probe adaptor

Rubber boot optional

Units Conversion table:

1 psi x 6.8947 = kpa	1 psi x 0.070309 = kg/cm ²
1 psi x 68.947 = mbar	1 psi x 51.71433 = torr
1 psi x 0.068966 = bar	1 psi x 6890 = pascal (pa)
1 psi x 70.038 = cmH ₂ O	
1 psi x 51.715 = mmHg	
1 psi x 16 = ozin ²	

8205/8215/8230/82100 AT A GLANCE !

**MEASURE GAUGE / DIFFERENTIAL
PRESSURE!**

PRESSURE RANGE 0~100 PSI!

**HOLD, MAX / MIN, RECORD FEATURES!
RS232 INTERFACE!**

PSI=pounds per square inch .

MODEL: 8205 | 8215 | 8230 | 82100

- ✓ Digital display of gauge or differential pressure.
- ✓ Select from one of 11 pressure units of measure.
- ✓ Hold data, record, Max / Min, Backlight features.
- ✓ Auto power off preserves remaining battery life.
- ✓ Low battery indicator.
- ✓ Power Supply: 9 volts battery.
- ✓ Meter includes hard ABS case, connection hose, battery and manual.
- ✓ Simple fittings for hose connection.
- ✓ Ideal Application :
Medical equipment ,Computer Peripherals,
Pneumatic Controls, HVAC industry .
- ✓ Dimension: 72 x 182 x 30mm / 150 g.
- ✓ Optional RS232 software (CD-R & D-sub cable).
& Rubber boot with magnet stander (M68601HB)
- ✓ Serial format: 2400 Baud rate ,
1 Stop bit, 8 Data bits.
PXXXXX or P-XXXXX (unit)

SPECIFICATION

- ▶ **Accuracy** : ± 0.3% of full scale at +25°C
- ▶ **Repeatability:** ± 0.2% (Max.+/-0.5)% FSO.
- ▶ **Response time** : 0.3 seconds.
- ▶ **Compensated temperature range:** 0~50°C
- ▶ **Operating temperature range** : 0~50°C
- ▶ **Storage temperature range** : -20~60°C
- ▶ **Combined linearity and hysteresis:**
± 0.2 (Max ±1.0)% FSO.

- ▶ **Exceeding Maximum Pressure will cause permanent sensor damage.**

Model	Operating pressure	Max.Pressure
AZ8205	0~5 psi	20 psi
AZ8215	0~15 psi	30 psi
AZ8230	0~30 psi	60 psi
AZ82100	0~100 psi	150 psi

- ▶ **11 selectable units :**
bar, mbar, psi, kPa, inHg, mmHg, ozin², inH₂O,
ftH₂O, cmH₂O, kgcm²

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