8205

8215

8230

82100

8252

Digital Manometer 8252/8205/8215 8230/82100

■Measure pressure gauge/differential pressure
■Over-range indication with error messages
■11units or 5 units for selection (metric, imperial)
■Accumulative time shows in recording period
■Plastics & metal & 2 size lug available
　4mm, metal only (A)
　8mm, metal or plastic(B, C)

ø4mm A　ø8mm B　ø8mm C

Auto Power Off　HOLD　MAX/MIN　Low Battery

PC Link　Backlight　DC jack

Model		8252	8205	8215	8230	82100
Range & (Resolution)						
psi	±	2.000 (0.001)	5.000 (0.003)	15.00 (0.01)	30.00 (0.02)	100.0 (0.1)
kPa	±	N/A	34.47 (0.02)	103.4 (0.1)	206.8 (0.2)	689.5 (0.4)
mmHg	±	N/A	258.6 (0.2)	775.7 (0.5)	1551 (1)	5171 (3)
Kg/cm2	±	N/A	0.352 (0.001)	1.055 (0.001)	2.109 (0.002)	7.031 (0.004)
mbar(hpa)	±	137.9 (0.1)	344.7 (0.2)	1034 (1)	2068 (2)	6895 (4)
bar	±	0.138 (0.001)	0.345 (0.001)	1.034 (0.001)	2.068 (0.002)	6.895 (0.004)
inH2O	±	55.36 (0.01)	138.4 (0.1)	415.2 (0.3)	830.4 (0.5)	2768 (2)
cmH2O	±	N/A	350.2 (0.2)	1051 (1)	2101 (2)	7004 (4)
inHg	±	N/A	10.18 (0.01)	30.54 (0.02)	61.08 (0.04)	203.6 (0.2)
ftH2O	±	N/A	11.53 (0.01)	34.60 (0.02)	69.20 (0.04)	230.7 (0.2)
oz/inch2	±	N/A	80.00 (0.05)	240.0 (0.2)	480.0 (0.3)	1600 (1)
mmH2O	±	1401(1)	N/A	N/A	N/A	N/A

Combined accuracy	± 1.0% of full scale
Accuracy	±0.3% of full scale at ±25°C(77°F)
Repeatability	±0.2%~0.5% of full scale
Linearity/Hysteresis	±0.29%to 1% of full scale
Response time	0.5 second
Compensated temp. range	0~50℃
LCD size (mm, HxW)	29x51
Operating temp.	0~50°C
Operating RH%	Humidity < 80%
Storage temp.	-20~50°C
Storage RH%	Humidity < 90%
Dimension(mm,LxWxT)	182x72x30
Weight	~150g
Battery	9V battery or adaptor
Standard Package	Meter/ battery/ manual/ connection hose/ hard carry case

I ø4mm　II ø8mm　III ø8mm

TUBING FOR MANOMETERS
I: Withstand up to 100psi pressure/Orange color / fit 4mm lug/500mm long P/N:VW88205B
II: Withstand 0~30 psi pressure/Black color / fit 8mm lug /500mm long P/N:VW88205C
III: Withstand 30~100psi pressure/White color / fit 8mm lug /500mm long P/N:VW88230A

UNITS CONVERSION :

1psi x 6.8947=**kpa** , 1psi x 68.947=**mbar(hpa)** , 1psi x 0.068966=**bar** ,
1psi x 703.069=**mmH2O**,1psi x 51.715=**mmHg** , 1psix16=**ozin^2** , 1psi x 51.71433=**torr** ,
1psi x 6894.757=**pascal (pa)**

Ordering Code

VZ8252AZ, 2psi 4mm metal manometer
VZ8205AZ, 5psi 4mm metal manometer
VZ8215AZ, 15psi 4mm metal manometer
VZ8230AZ, 30psi 4mm metal manometer
VZ82100AZ, 100psi 4mm metal manometer
*for 8mm metal:VZxxxxAZBM
*for 8mm plastic:VZxxxxAZB
VZUSBAZM, software kit
VB109BAZ, 9V universal adaptor

*Available for EB project

Optional

USB CABLE & SOFTWARE
P/N: VZUSBAZM

RS232

RUBBER HOLSTER / STAND
P/N:VM68601HA, BLUE
P/N:VM68601HS+VM68601HS1, RED
P/N:VM68601HS11+VM68601HSA, GREY

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