DATASHEET

Exotek Instruments

Digital Pressure Manometer DPM-1400

CE

APPLICATIONS & FEATURES

The device measures Gauge/Differential Pressure from 0 to 5 psi , it features 11 selectable units of measure: inH_2O , psi , bar , mbar, kPa , inHg , mmHg ,ozin ,ftH_2O , cmH_2O, kgcm . Additional features include Data Hold. Auto Power Off disabled , and an RS-232 for capturing reading to a PC using optional software . Careful use of this meter will provide years of reliable service.

Features:
- Auto range
- 11 selectable measuring units
-

TECHNICAL SPECIFICATION	DPM-1401
Accuracy	± 0.3% FSO
Repeatability	± 0.2% (Max.+/ -0.5% FSO)
Linearity/Hysteresis	±0.29% FSO
Pressure Range	± 5 psi
Maximum Pressure	20psi
Response Time	0.5 Seconds typical
Low Battery Indicator	Yes
Over range Indicator	Err.1
Under range Indicator	Err.2
Operating Conditions	0 to 50 °C
Storage Conditions	-10 to 60 °C
Power Supply	1×9V Battery or external 9VDC
Serial format:	Baud rate: 9600 Baud , 8 Data Bits.

Function	Range	Resolution	Function	Range	Resolution
inH_2O	138.3	0.1	$ozin^2$	80.00	0.01
psi	5.000	0.001	ftH_2O	11.53	0.01
mbar	344.7	0.1	cmH_2O	351.5	0.1
kPa	34.47	0.01	kgcm		
0.351	0.001				
inHg	1.018	0.001	bar	0.344	0.001
mmHg	258.5	0.1			

The DPM-1400 is delivered with Hard case, RS-232 Cable, Software and battery ready to use.
Display Dual LCD

RS-232

PRESSURE

CE

DATASHEET