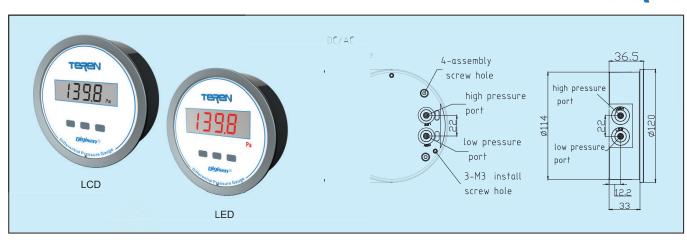
D2PH/M Digital Differential Pressure Gauge (Power Type)



Applications and features

- Apply high accuracy MEMS sensor and digital technologies, can measure positive, negative or differential pressure. It can completely replace the traditional pointer mechanical gauges
- It can measure fan and blower pressures, filter resistance, air velocity, pressure drop across orifice plates, differential pressure of medical pharmaceutical machine, etc.
- No any movable parts, no any effect on vibration.
- With ultra-thin design of 33mm, it could be flush, surface or wall mount.
- Fashion and state of art housing design.
- Function keys: zero reset, units select, display update time, automatic sleep time, sound-light alarm, etc.
- Built-in buzzer and backlight, for sound-light alarm.

Specifications

Medium: Non-combustible, non-corrosive air, insensitive to moisture, dust, condensation and oil

Working Temp.: LED-20~70°C; LCD-10~60°C Medium Temp.: 0~60°C Temp. Compensation: 0~50°C Working Pressure: overload 10xFS, burst 15xFS Accuracy: up to±1.0%FS, see accuracy table Long term stability: ±0.5%FS /Year Thermal effect: <0.05%FS/°C(zero),<0.08%FS/°C (FS)

Measuring ranges & Accuracy

Display: 4 bits LCD, 18mm character height with unit indication, or 4 bits 0.8" red LED
Sound-light alarm: by buzzer and backlight
Power: 15~28VDC/AC or 85~265VAC
Process Connection: 5mm ID tubing, two pairs (on left or

back side)

Key: 3 touch buttons Materials: ABS Protection: IP65 Weight: 260g Approval: CE

Accessory: A-S0 is standard. Options are A-S1, A-S2 and A-S7-X. They can be used for surface, panel or flush mount and should be ordered separately. See details in Accessories.

Models

Model	D2PH				High accuracy digital DP gauge			
	D2PM				Executive digital DP gauge			
Range		See table						
Display			0		LCD(Backlight)			
			1		LED			
Power				0	15~28VAC/DC			
				1	85~265VAC			

Code		Accuracy(%FS)						
	Ра	Ра	KPa	in w.c.	mm w.c.	mbar	D2PH	D2PM
1	0-60	60.00	0.060	0.250	6.000	0.600	1%	3%
2	0-125	125.0	0.125	0.500	12.50	1.250	1%	2%
3	0-250	250.0	0.250	1.000	25.00	2.500	1%	1%
4	0-500	500.0	0.500	2.000	50.00	5.000	1%	1%
5	0-1000	1000	1.000	4.000	100.0	10.00	1%	1%
6	0-2500	2500	2.500	10.00	250.0	25.00		1%
7	0-5000	5000	5.000	20.00	500.0	50.00		1%
8	0-10000	10000	10.00	40.00	1000	100.0		1%
9	0-20000	20000	20.00	80.00	2000	200.0		1%

Remarks: 1.5 engineering units can be set by the key and related LCD will be on.

 For zero center models, add "Z" at the end of the model. For example, D2PM100Z, means -30-0-30pa. Only ranges 1~6 have this selection.