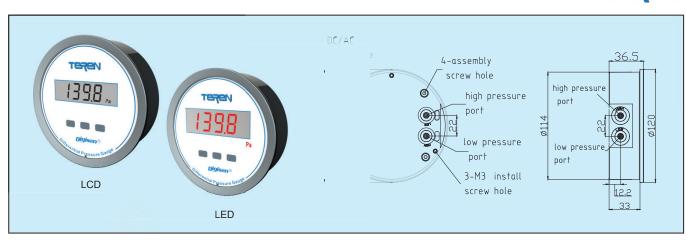
# D2PH/M Digital Differential Pressure Gauge (Power Type)



### 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.