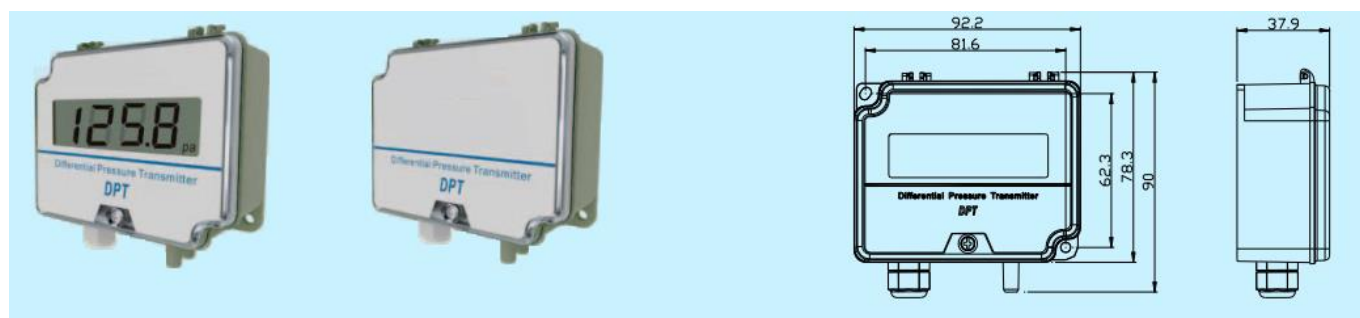


LOW DIFFERENTIAL PRESSURE TRANSMITTER



APPLICATIONS & FEATURES

- Apply high accuracy MEMS sensor and digital technologies, can measure positive, negative, or differential pressure.
- It can measure system pressure of fan, blower, filter, furnace draft and orifice plate and can apply to various clean room, biological safety cabinet, clean bench, ducts collection, medical or pharmaceutical machine, etc.
- Multiple ranges, engineering units and outputs
- Good performance with accuracy of 1.0% and range as low as 25Pa
- Function keys: zero calibrate, unit select, response time set, etc.
- Field upgradable LCD display module and multiple ranges selectable.

SPECIFICATIONS

Medium	Non-combustible, non-corrosive air, insensitive to moisture, dust, condensation, and oil
Pressure Range	Jumper selectable, see model
Working Pressure	Overload 10xFS, burst 15xFS
Accuracy	$\pm 0.25\%FS$ ($\pm 0.5\%FS@25Pa$ range)
Long term stability	$\pm 0.25\%FS/Year$
Thermal effect	$<0.05\%FS/^{\circ}C$ (zero), $<0.08\%FS/^{\circ}C$ (FS)
Response Time	0.5/1/2/5s, can be set by DIP switch
Output	0~10V, 4~20mA (2 wires), 0~5V, RS485 selectable, Output Load $\leq 500\Omega$ (current), $\geq 2k\Omega$ (voltage)
Power	Voltage: 16~28VAC/ 16~35VDC

	Current: 18.5~35VDC (RL=500Ω); 8.5~35VDC (RL=0Ω)
Process Connection	5mm ID tubing
Operating Condition	-20~70°C, 5~95%RH non-condensing, Storage: -40~95°C
Option display	4 digits LCD, size 65x18mm, with unit indication
Materials	ABS+PC (housing) & PC(Cover), fire retardant UL94V-0, IP66
Approval	CE

ORDERING

		TNDE-DPT	2	1	0
Product Family					
TNDE-DPT	Low DP transmitter				
Range					
1	0-25, 0-60, 0-125 Pa				
3	0-250, 0-500, 0-1000 Pa				
6	0-2500, 0-5000, 0-10000 Pa				
Output					
1	0-10V				
2	4-20mA (2 wires)				
E	0-5V				
8	RS485/Modbus				
Display					
0	N/A				
1	LCD				