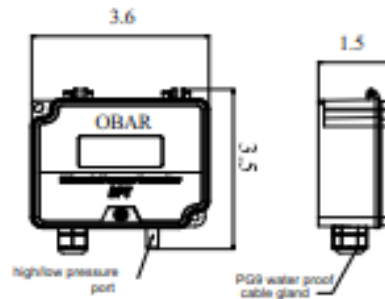


DPT(DPT-F Flush Mount) Differential Pressure Transmitter



Features

- Apply high accuracy MEMS sensor and digital technologies, can measure positive, negative or differential pressure. DPT is suitable for wall mount, DPT-F is suitable for flush mount
- Measures system pressure, riser pressure or sub-slab pressure.
- Multiple ranges, engineering units and outputs
- Accuracy of 1.0% and range as low as 25Pa
- Function keys: zero calibrate, unit select, response time set, etc

Zero set: easy to reset by external key

Materials: ABS (housing) & PC (cover)

Protection: IP54

Weight: 165g

Approval: CE

Pricing: \$89 per unit (Model 3 is Standard)

Other Models/Ranges Available. Please allow 3-4 weeks for custom orders.

Specifications

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

Working Temp.: -20~70°C

Medium Temp.: 0~80°C

Temp. Compensation: 0~50°C

Working Pressure: overload 10xFS, burst 15xFS

Accuracy: ±1.0%FS(±2.0%FS@25Pa range)

Long term stability: ±0.5%FS/Year

Thermal effect: <0.05%FS/°C (zero), <0.08%FS/°C (FS)

Response Time: 0.5~30s, can be set by keys

Process Connection: 5mm (3/16") ID tubing

Display: 5 digits LCD, display area 44x18mm, with unit indication, field upgradeable

Output: 4~20mA

Output Load: ≤500Ω (current), ≥2kΩ (voltage)

Power: Voltage: 16~28VAC/ 16~35VDC

Current: 18.5~35VDC (R_L=500Ω); 8.5~35VDC (R_L=0Ω)

Units: 5 units, selected by keys

Measuring Ranges

Model	Unit & Range & Display resolution						Accuracy(%FS)
	Pa	Pa	kPa	in w.c.	mm w.c.	mbar	
1	0-60/125	60.00	0.060	0.250	6.000	0.600	1%
		125.0	0.125	0.500	12.00	1.250	1%
3	0-250/500/1000	250.0	0.250	1.000	25.00	2.500	1%
		500.0	0.500	2.000	50.00	5.000	1%
		1000	1.000	4.000	100.0	10.00	1%
6	0-2000	2000	2.000	8.000	200.0	20.00	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%