

A6 Multi-Range Differential Pressure Transmitter

Range: 0- 25Pa (min.), 0-1.25KPa(max.)

Features

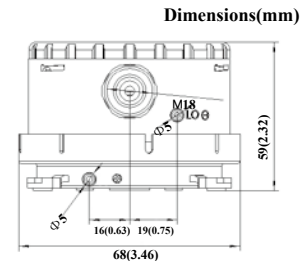
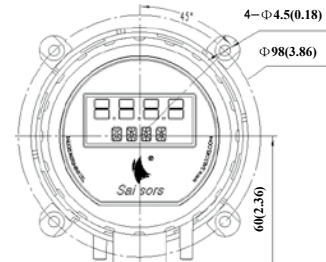
- Magneto-resistive Effect technology
- Ranges from 0~25Pa at up to 3KPa
- Three selectable ranges for each model
- Insensitive to media, compared to transmitters using a piezoresistive silicon or capacitance sensor
- Excellent stability
- Available with Unidirectional and bidirectional ranges, and air velocity
- Optional LCD display



Specifications

Service: Air and non-combustible gases, compatible gases
Accuracy: ±1.0% F.S. (0.1" w.c. & 25Pa); ±2.0%
Range: 0- 25Pa (min.), 0-1.25KPa(max.)
Thermal effects: Zero/span shift 0.05% F.S. /°C
Pressure limits: 1psi max. operation; 10psi burst.
Power supply: 10-35 VDC (2-wire); 17-36 VDC or isolated 15-26 VAC (3-wire).
Output signal: 4-20mA(2-wire), 0-5V(3-wire); 0-10V(3-wire)
Response time: 0.5-15s adjustable.
Work temperature: -10 to 70°C
Loop resistance: Current output: 0-1250 Ω max.; Voltage output: 1000 Ω min. load
Housing material: ABS plastic.
Display (optional): 2-line, 4-digit LCD.
Stability: ±1 %F.S./YR.
Accessory: Cable gland for 4-7.5mm diameter cable
Process connections: 3/16" (5mm) ID tubing, max. OD 9mm.
Enclosure rating: IP65.
Mounting orientation: Vertical.
Option : Roots for Velocity.

Dimensional Outline Drawings



Order Information

Model No.	
A6 Multi-Range Differential Pressure Transmitter	
DP	Unidirectional Ranges
1	25Pa, 50Pa, 100Pa 2 250Pa, 500Pa, 1000Pa
3	750Pa, 1500Pa, 2KPa 4 1KPa, 2KPa, 3KPa
TP	Bidirectional Ranges
1	±25Pa, ±50Pa, ±100Pa
Output	
A1	4-20mA(2-wire)
V1	0-10V(3-wire)
V2	0-5V(3-wire)
Accessories	
M1	LCD
S1	196mm static pressure probe
A6	DP1
TP1	A1
S1	
Example	