

GE-923 Differential Pressure Transmitter



Applications

GE-923 differential pressure transmitter applies new CDM technology, can precisely monitor very low range differential pressure with multiple functions. It can compensate temperature effect, is not sensitive to medium and does not have any pressure drift. So is very reliable. The pressure vibration can be filtered by the damping function. The output is steady under very low range pressure and the sensor is not sensitive to dust and moisture. It could even be installed in the outside air environment between $-20\sim 70^{\circ}\text{C}$.

It is applicable to: clean room, isolated room, ventilation system, energy management system, leak testing, air velocity measurement, medical care and test instrument, furnace pressure test, etc.

Features

- Minimum DP range to 25Pa and accuracy is 1%
- Range select could be easily set by button in field, do not need extra pump equipment
- Multiple applications, positive, negative or differential pressure
- Selectable double line four bit LCD Display
- High protection housing IP65

Specifications

Medium	Air and non-combustible gas
Accuracy	1%
Range	min. 0~25Pa, max. 0~3KPa
Temperature range	$-10\sim 50^{\circ}\text{C}$
Temperature drift	0.05% (zero and full range total)
Pressure limit	1 psi (continuous), 10 psi (exploded)
Power supply	10~35VDC(2 wires); 10~36VDC or isolated 15~26VAC (3 wires)
Output signal	4~20mA(2 wires); 0~10(3 wires)
Response time	field adjustable 0.5~15s
Zero and full range adjust	digital button
Output load	<1250 ohm (current); >1000 ohm (voltage)
Electrical consumption	<40mA
Display (optional)	LCD
Electrical connection	1/2" NPS terminal
Pressure connection	3/16" (5 mm) ID pipe, Max. OD 9mm
Protection rate	IP65
Installation direction	vertical

Models

GE-923

Code	Specifications
DP	Diff. Pressure, 0-FS
TP	DP with zero at center

Code	Output
1	0-10VDC
2	4-20mA

Code	Range
1	25,50,125(TP/100)Pa
2	250, 500, 1250Pa
3	750, 1500, 2000Pa
4	1, 2, 3KPa

Code	LCD Display
0	No
1	Yes

Code	Accessory
0	No
1	196mm static pressure probe

Dimension (mm)

