

## GE-923 Air Differential Pressure Transmitter

This GE-923 Air Differential Pressure transmitter is produced with magnetic sensing technology, pressure ranges from  $0 \sim \pm 25\text{Pa}$  at up to  $10000\text{KPa}$ . Available with Unidirectional and bidirectional pressure ranges, and air velocity, with LCD display screen, 4-20mA output or RS-485 signal.

GE-923 differential pressure transmitter applies new A.YITE 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  $-20 \sim 70^\circ\text{C}$



### 【EX-proof Type: GE-923-EX】

\* The objection of the declaration is in conformity with the relevant EU harmonization legislation: ATEX directive 2014/34/EU, Machinery directive 2006/42/EC. Ex d IIC T6 Gb ( $-20^\circ\text{C} \leq \text{Ta} \leq +80^\circ\text{C}$ ), Ex tb IIIC T85 $^\circ\text{C}$  Db ( $-20^\circ\text{C} \leq \text{Ta} \leq +80^\circ\text{C}$ ) IP65; or Ex dc IIC T6 Gc ( $-20^\circ\text{C} \leq \text{Ta} \leq +80^\circ\text{C}$ ) Ex tc IIIC T85 $^\circ\text{C}$  Dc ( $-20^\circ\text{C} \leq \text{Ta} \leq +80^\circ\text{C}$ ) IP65

\* Satisfy to the requirement of the ATEX Directive 2014/34/EU from 15th,AUG, 2020, by compliance with harmonized standards: EN IEC 60079-0:2018 EN 60079-1: 2014 EN 60079-31: 2014



**【Common Type : GE-923】**

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
- \* High protection housing IP65
- \* 4-20mA or RS-485 is available

**Technology Data:**

1. Medium: Air and non-combustible gases, compatible gases
2. Pressure Range: -25pa ~ 0 ~ +25pa (min.),  
-100Kpa ~ 0 ~ +10000Kpa(max.)
3. Max Pressure: 5 x Max Range
4. Power Supply: 10-35 VDC (2-wire); 17-36 VDC;  
isolated 15-26 VAC (3-wire)
5. Output: 4-20mA(2-wire), 0-5V(3-wire);0-10V(3-wire) or RS-485
6. Protect Grade: IP65
7. Visual Display(optional): 4-digit LCD
8. Working Temperature: -20C ~ 70C

**How to order:**

1. Type number: GE-923-Ex or GE-923
2. Pressure range: e.g. 0-100pa, 0-500pa, -100-0-+100pa
3. Output: 1-4.5V, 4-20mA, 0-10V, RS-485, Modbus, Relay (you could choose one of them, or choose 2 or more of those output, price will be different)
4. If Ex-proof type, which Zone? 1, 2 , 21 or 22?
- 5 Special demand

**A.YITE INSTRUMENT CORP**

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