

GE-923-EX-SC Air Differential Pressure Switch

GE-923 Air Differential Pressure switch is produced with magnetic sensing technology, pressure ranges from $0 \sim \pm 25\text{Pa}$ at up to 30KPa . Available with Unidirectional and bidirectional pressure ranges, and air velocity, with LCD display screen, 2 relay switch for up and low limit alarm.

GE-923 differential pressure switch 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 $-20 \sim 70\text{C}$



【EX-proof Air Differential Pressure Switch: GE-923-EX-SC】

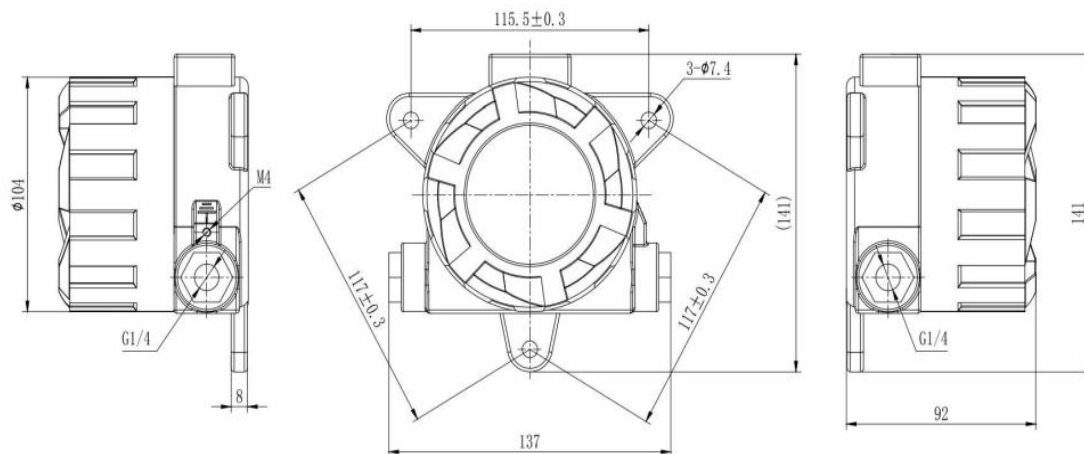
* The objection of the declaration is in conformity with the relevant EU harmonization legislation: ATEX directive 2014/34/EU, Machinery directive 2006/42/EC. Ex db IIC T6 Gb ($-20^{\circ}\text{C} \leq \text{Ta} + 80^{\circ}\text{C}$), Ex tb IIIC T85 $^{\circ}\text{C}$ Db ($-20^{\circ}\text{C} \leq \text{Ta}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

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.

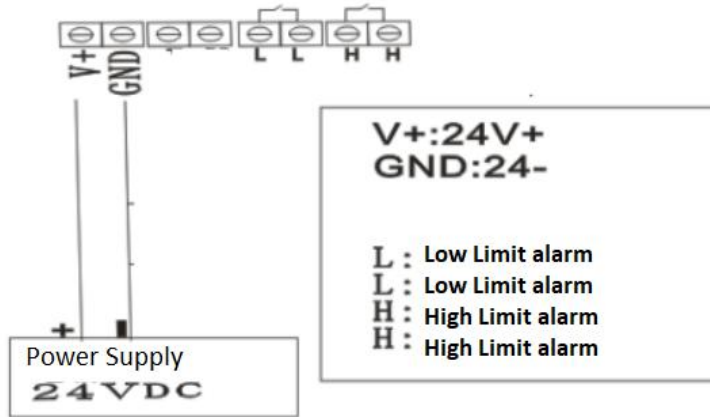
Features:

- * Minimum 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 for other design



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: switch, 2 relay, up and low limit alarm
6. Protect Grade: IP65
7. Visual Display(optional): 4-digit LCD
8. Working Temperature: -20C ~ 70C



L-L is the low limit alarm switch. When the flow is lower than the set value, the two terminals change from disconnection to conduction; when the pressure is higher than the set value, the two terminals change from conduction to disconnection.

H-H is a high limit alarm. When the flow is higher than the set value, the two terminals change from disconnection to conduction; when the pressure is lower than the set value, the two terminals change from conduction to disconnection.

The relay switching signal output by this product can withstand a maximum voltage and current of 220V 1A. Try to control large equipment with PLC or low-voltage relays. Do not directly connect high-voltage equipment such as AC contactors.

How to order:

1. Type number: GE-923-EX-SC
2. Pressure range: e.g. 0-100pa, 0-500pa, -100-0+100pa
3. Output: 2 relay switch for up and low limit
4. If Ex-proof type, which Zone? 1, 2 , 21 or 22?
- 5 Special demand

ZHOU ENSI LTD

[HTTP://WWW.AYITE.NET](http://www.ayite.net)

© Copyright 1997-2011

