

ADJUSTABLE DIFFERENTIAL PRESSURE SWITCH LF-32 (6321000000)

FEATURES

- Two-point outputs: connection and disconnection simultaneously. ON (1-3) & OFF (2-3).
- Internal adjustment regulator in mbar.
- Long-term stability of the measuring element.
- Professional and practical product design, resistant to environmental conditions.
- Easy to use, install and maintain.

PRESSURE RANGE

- From 0,3 to 3 mbar

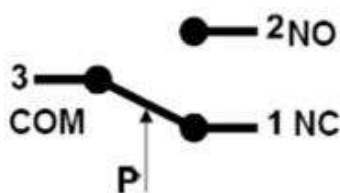
MAXIMUM LOADS

- Capacitive load 1,5A/250V
- Inductive load 0,4A/250V
- Continuous current 0,1A/24VDC

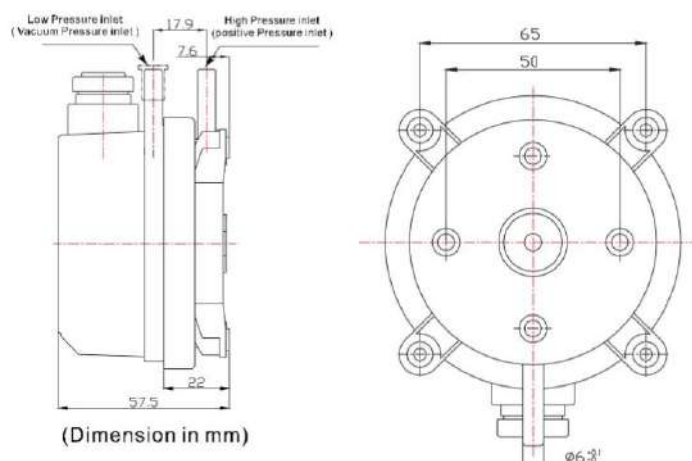
DIFFERENTIAL

- 0,1 mbar

CONNECTION



DESIGN



PROTECTION CLASS

- IP54 with its cover properly assembled.

REST CONTACTS POSITION

Terminal 1 is normally closed contact.
Terminal 2 is normally open contact.
Terminal 3 is common contact.

SECURITY ADVICE

Installation and assembly of electrical equipment may only be carried out by a qualified electrician. The products must not be used in connection with equipment that supports, directly or indirectly, human health, life or with applications that may be dangerous for people, animals or real value.

ASSEMBLY TIPS

The products are suitable to be mounted on walls or air ducts. Each product is individually calibrated. The product must be mounted vertically (diaphragm in vertical position).

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START UP NOTES

Check carefully that no electrical power is applied to the product before removing the case cover. For electrical connection and set point selection, remove the casing cover by unscrewing the screw located on the casing.

Due that it is a differential pressure switch, the tube with positive air pressure (or generated pressure) must be connected to the port P1 (grey colour) marked as positive. The port P2 (white colour) marked as negative must be connected to the negative pressure (or resulting pressure).

In case of applications in which it is only intended to detect a small air flow, the port P1 must be connected to positive or generated pressure and the port P2 must be left free to atmosphere. To do this, it is essential to remove the small silicone plug inserted in port P2. For the same purpose and as protection against a contaminated environment, a tube of the appropriate length can be connected to port P2, as long as it is guaranteed that the other end of this tube is free to atmosphere.

Installation as differential pressure switch



Installation as flow detector



The information contained in this sheet is not intended to be exhaustive. We cannot be held responsible for the use of the product for an application other than the one specifically recommended, without prior written confirmation from us. Having no control over the quality or condition of the substrate or other factors affecting the use or application of the product, we do not accept any responsibility for the misbehaviour of the product unless we agree in writing.

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