

Pressure switch mechanical Model IPSF-60

WIKA data sheet IPSF-60

Applications

- Autoclave

Special features

- MS cover
- Microswitch



Pressure switch mechanical, model IPSF-60

Description

The model IPSF-60 pressure switch is an electromechanical instrument that senses changes in pressure and provides electrical on-off contact at predetermined pressure values.

The IPSF-60 may be used to energise an alarm or directly control the process by cycling pumps, shifting valves etc. In an alarm application, the switch supports valuable equipment by signalling an alarm. In direct control applications, the switch can be linked electrically to other equipment.

IPSF-60 pressure switches are designed for use with oil, water, air, steam and other non-corrosive pressure media. They are not suitable for use with refrigerant gases. This pressure switch is cost-effective and used in a wide variety of applications such as pumps, compressors, turbines, lubrication systems and condensers.

Specification

Model

IPSF-60

Range

0.3 ... 4.5 bar

Differential

0.2 bar (maximum)

Maximum pressure

14 bar

Switch enclosure

Cover: Steel, power coated

Housing: Steel, galvanised

Repeatability

±2 % of full scale value

Permissible ambient temperature

-25° C ... +70 °C

Permissible medium temperature

-20° C ... +70 °C

Process connection

3/8" BSP (M)

Measuring element

316L SS bellows

Pressure connector

Free cutting steel

Switch contacts

One SPDT microswitch

On-off differential

Fixed

Electrical rating

5A 250V AC

Electrical entry

Rubber grommet suitable for Ø 6 ... 14 mm cable

Ingress protection

Unit must be mounted on a flat surface and all unused holes covered

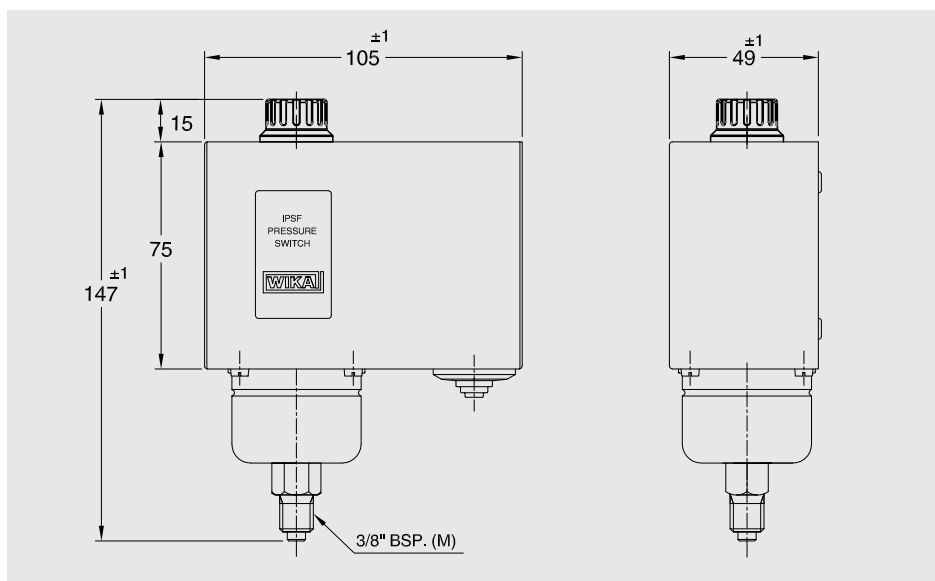
Mounting

Direct, wall

Conformity

Generally to BS:6134:1991

Dimensions in mm



Ordering information

Model

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The specifications given in this document represent the state of engineering at the time of publishing. We reserve the right to make modifications to the specifications and materials.



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