Leader dans la réalisation de Détecteurs de survitesse mécaniques.

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TECHNICAL DATA
ICF STANDARD

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- For liquids or gases (even charged) depending on the nature of the seals (Nitrile or Viton).

- Use on fixed or mobile installations.

- Direct reading of the differential pressure.

- No online interview.

- Calibration range from 0.3 Bar to 5 Bar.

- No fluid in contact with the reading area.

- Maximum temperature of use 80 ° C.

- Brass material as standard (possibility of stainless steel, aluminum, etc.).

- M10x100, 1/4G or other connection on request.

PRINCIPLE OF OPERATION

The indicator collects the pressures before filter (P) and after filter (P1) which act on a membrane process

(1). These pressure variations cause a movement of the membrane which allows the piston

(2) to move and magnetically transmit the evolution of the differential pressure by the intermediary of a colored indicator

(3) visible whatever the mounting position.

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CONSTRUCTION

Brass

Stainless steel

Aluminum

All non-magnetic materials

MEMBRANE AND SEALS

Nitrile or Viton

PRESSURE

Line pressure:

Brass: 80 Bar

Stainless steel: 150 Bar

Permissible pressure on the membrane alone (burst):

Nitrile: 50 Bar

Viton: 50 Bar

Differential pressure from 0.3 to 5 Bar

OPERATING TEMPERATURE

Temperature between -25 ° C and 80 ° C

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MOUNTING

Vertical or horizontal by means of 2 M8 screws, preferably on a bracket made of non-magnetic materials. The AVF and APF connections must be fitted with high pressure connections.

SETPOINTS

The clogging indicators are factory set according to the set point requested by the user. The tolerance of the pressure indication is 3,5%

PROTECTION SIGN

IP 65

OVERALL

Always attach the indicator to the upper part of the installation in order to avoid deposits as much as possible sedimentary.