

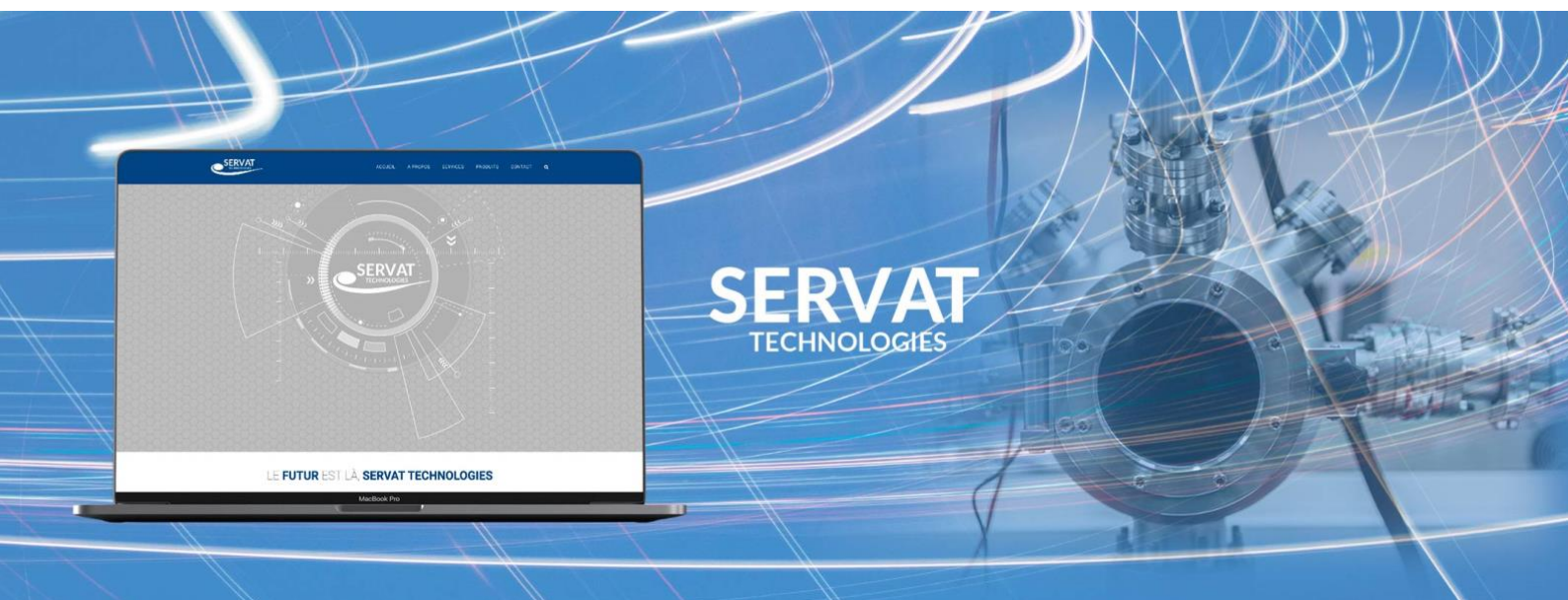


Leader dans la réalisation de Détecteurs de survitesse mécaniques.

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# TECHNICAL DATA ICF 30 LG





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**DETECTS THE CLOGGING OF YOUR FILTERS**

**MONITOR DIFFERENTIAL PRESSURES ON YOUR FUEL CIRCUITS**

**MATERIAL COMPLIANT WITH S.T.A.N.A.G.**

For all fuels, even aeronautics.

Use on fixed or mobile installations.

Direct reading of the differential pressure (from graduations).

No online interview.

No risk of fuel splashes if the control window breaks

Calibration range: 2 Bar.

No fluid in contact with the graduations where no pollution for reading.

Material: OAC treated aluminum.

1/4G connection

Interchangeable without modification with existing installations.

Visibility at a distance and over a very wide angular field of vision.

## PRINCIPLE OF OPERATION

The indicator collects the pressure before filter and after filter which act on an unrolling membrane.

These pressure variations cause movement of this membrane which allows the piston to move.

Magnetically moving and transmitting the change in differential pressure through a colored indicator visible whatever the mounting position.

The indicator has two colors: a green color up to a differential pressure of 1.2B, then the color red which in turn appears up to the maximum differential pressure of 2B.

This indication mode makes it possible to have an immediate view of the state of the filter and to quantify, thanks to the graduations, directly the differential pressure.

## CONSTRUCTION

### Standard:

OAC treated aluminum.

### Membrane and seals:

Nitrile or Viton

### Line pressure:

Max line pressure: 30B

Permissible pressure on the membrane alone (burst)

Nitrile: 20B

Viton: 20B

Differential pressure: 2B

### Temperature :

Maximum temperature of use:

Continuous: 85 ° C

Temporarily: 100 ° C

### Assembly:

Vertical or horizontal with fixing by means of 4 THM6 screws and 4 AZ6 washers.

Avoid placing the device in the lower part of the installation to avoid incidents due to deposits sedimentary.

Keep the device away from heat sources above 85 ° C.

### Set point :

The clogging indicators are factory set at the set point of 2B.

The tolerance of the pressure indication is +/- 0.1B according to STANAG.

Protection sign :

IP65

### Identification :

All the indicators have an engraved sign allowing their identification (type indicator and serial number).

Mass of the indicator:

1.3Kg

### Preventive maintenance :

Elastomers are products with a controlled lifespan. It is advisable to change the seals and membrane every 5 years. In case of intensive use, this time can be reduced, mainly when the membrane is subjected to a large number of alternations. After intervention, a passage to the bench test for checking the assembly and the set point is imperative.

## OVERALL

