



STAUFF
IN-LINE FILTERS
CLOGGING INDICATORS



HYDRAULIC
COMPONENTS
& FLUID CONTAMINATION
CONTROL

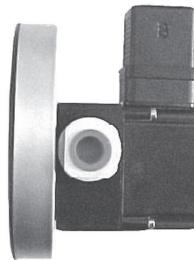


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Differential Pressure Switch with Visual Gauge Indicator

The switch is used to indicate when the elements needs to be changed. The switch can turn on a light, shut down the machine or any further function controlled by an electrical signal. The gauge visually indicates the differential pressure across the filter elements.



Diameter

- 100 mm / 3.94 in

Scale

- 0 ... 1,6 kg/cm²

Connection Thread

- G1/4

Operating Pressure

- Max. 200 bar / 2900 PSI

Temperature Range

- -20 °C ... +80 °C / -4 °F ... +176 °F

Materials

- Body: Aluminium
- Lens: Glass
- Sealing Material: NBR (Buna-N®)
FKM (Viton®)

Protection Rating

- IP 65: Dust tight and protected against water jets.

Switch Voltage

- Max. 28 V AC/DC

Current On Contact

- Max. 0,25 A

Contact Rating

- 5 VA AC/DC

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Differential Pressure Gauge

A visual clogging indicator, the function of which is based on the differential pressure between the contaminated and clean side of the filter elements, is available as an option, and enables a convenient determination of the condition of the basket filter.

Nominal Size

- 80 mm / 3.15 in

Range of Scale

- 0 ... 1 bar / 0 ... 14.5 PSI

Operating Pressure

- Max. 100 bar / 1450 PSI

Permissible Temperatures

- Ambient: 0 ... +60 °C / 0 ... +140 °F
- Media: up to +100 °C / +212 °F

Material

- Housing: Die-cast Aluminium, black
- Sight glass: Acrylic
- Indicator: Aluminium, black

Protection Rating

- IP 54 protection rating: Dust protected and protected against splashing water



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