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# Differential pressure gauge *Type DFA*

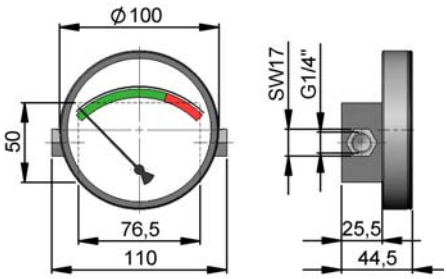
optical/ electrical measure- und regulation system

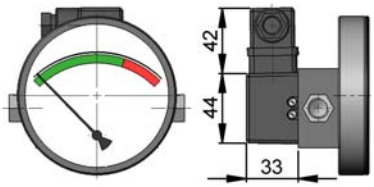
The differential pressure indicator DFA is used to monitor the differential pressure in filters, measuring devices, valves, coolers and heat exchangers in many areas of industry. The pressures acting on two separate pressure chambers by a magnetic piston. By the pressure difference in the pressure chambers, there is an axial displacement of the piston magnet against a compression spring and generates the measuring range. This is transmitted by a ring magnet mounted on the center of needle from the magnetic piston to the pointer and the reed contacts of the sensor.

## TECHNICAL DATA

*DFA*

| | |
|---|---|
| Inlet- and outlet connection (N1/N2) | G 1/4" - SW 17 |
| Display range | 0 - 2,5 bar |
| Display accuracy | ± 3 % of scale value (with increasing ΔP) |
| Max. Pressure | 100 bar |
| Max. Temperature | 120 °C |
| Savety class | IP 65 (EN 60529) |
| Material (wetted) | Stainless Steel AISI 301 / 316 |
| Material (Gasket) | FPM |
| Material (access cover) | Polymer fiber-glass reinforced black |
| Reed contacts | 30V AC oder DC (max.) 0.3A (max) 3VA (max.) |





Standard design | Design with drag indicator | Design with silicon oil

## EQUIPMENT

- Fixing set for all Standard filter housings (z.B. ALGS, SF-IL, ...)

## OPTIONAL

- Electrical limit signal indicator can be added later without problems

## ORDERING INFORMATIONS

**DFA-SF/25-OS-MG1**

**Gauge**
**DFA** = Differential pressure gauge

**Needle damping**
**SF** = silicon oil filling

**Band of pressure**
**25** = 0 - 2,5 bar

**Limit signal indicator**
OG = without indicator
**MG1** = indicator 1 contact
MG2 = indicator 2 contacts

**Drag indicator**
**OS** = without drag indicator
MS = with drag indicator

Limit signal indicator

Subject to technical alterations.
AL1037-00-E

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