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Differential pressure gauge Type DFA

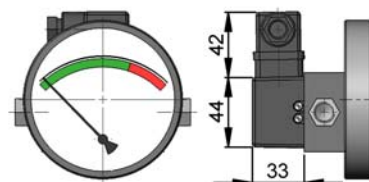
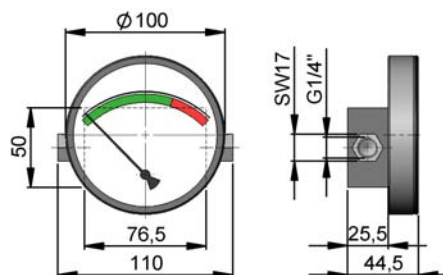
optical/ electrical measure- und regulation system

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
Safety 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 INFORMATION

DFA-SF/25-OS-MG1

DFA = Differential pressure gauge

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

Subject to technical alterations.
AL1037-00-E

acuraLine®



Limit signal indicator