

mechanical low-pressure indicator

- compact mechanical indicator without power supply
- Easy wall mounting or panel mounting behind the switchboard
- robust plastic housing with IP65 protection rating

Description and operation



Safety instructions



Caution! Read these instructions carefully before connecting and operating the device.

Specialist personnel will connect and commission the system.

Application

The DA 85 differential pressure gauge is used to display and control small differential pressures of non-aggressive gases, especially air.

The application area includes, for example, air conditioning and ventilation technology for monitoring or controlling fans, room pressure monitoring or filter control.

The DA 85 differential pressure indicator is used wherever pressure needs to be displayed or monitored using simple means, e.g. in filter systems in ventilation technology.

Description

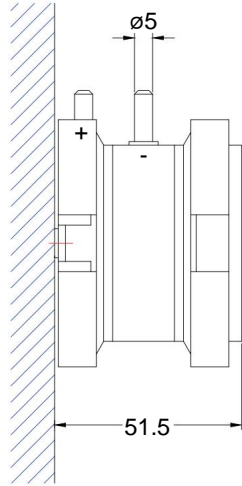
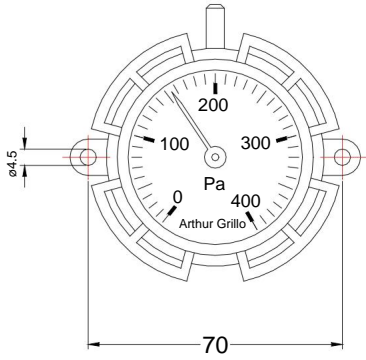
The DA 85 differential pressure gauge is a low-pressure gauge.

The differential pressure to be measured acts on a silicone diaphragm and deflects it against a measuring spring. The deflection is then displayed via a pointer mechanism.

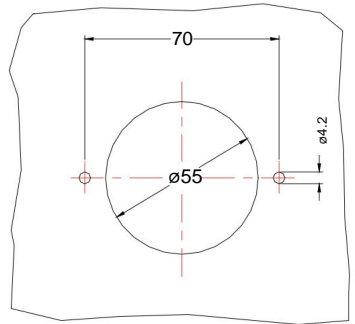
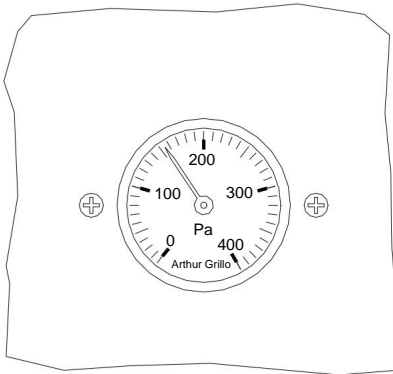
The device is manufactured in various measuring ranges.

Construction dimensions

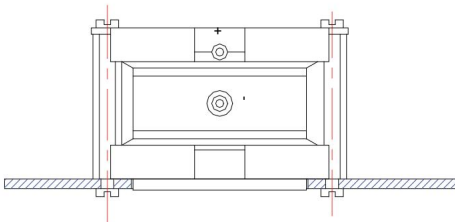
Wall construction



Panel installation



Control panel cutout



Technical data

Differential pressure gauge DA 85

Indicator with diaphragm measuring mechanism for displaying pressure, vacuum or differential pressure of non-aggressive gases.

Measuring ranges:	0... 200 Pa (2 mbar) 0... 400 Pa (4 mbar) 0... 1000 Pa (10 mbar) 0... 2000 Pa (20 mbar) 0... 4000 Pa (40 mbar) 0... 6000 Pa (60 mbar)
Advertisement:	Scale division in Pa
Scale length:	300 = approx. 130 mm
Overload safety: Static pressure:	min. up to 10 times the measuring span max. 0.2 bar
Pressure connections:	Hose nozzles 5 mm ø
Housing:	Polyamide, glass fiber reinforced, ABS clear lid
Protection class:	IP65
Weight:	approx. 90 g
Tolerance:	Measuring range 200 Pa \pm 3% for measuring ranges from 400 Pa \pm 2%

GRUBATEC AG
Ergolz commercial building, Wölfelstrasse 5
4414 Füllinsdorf
Telephone: +41 (0)55 617 00 80
www.grubatec.ch
sales@grubatec.ch