



## Description

DDPS-5 is designated for measuring differential pressures in the air and in non-aggressive gases and for releasing switching processes.

The transmitter can be applied in the fields of pneumatics, processing engineering and building engineering.

The pressure switch can be delivered with 4-place LCD-display.

The switching point is adjusted with the help of a multi-operational potentiometer. It is also possible to carry out zero point correction.

## Technical data

Voltage output	0 ... 10 V
Supply voltage	14 ... 30 V DC
Linearity	+/- 1,0% FS
Total error	+/- 2,5% FS
Electrical connection	C-clamp in the case
Process connection	hose connector 3.5 / 5.5 mm
Process temperature	0 .. +50 °C
Ambient temperature	0 .. +50 °C
Type of protection	IP 65
Switching outlet	Transistor npn 30 V / 1 A

Measuring range xx	
P <sub>nenn</sub>	P <sub>max</sub>
1 / 2 / 4 mbar	20 mbar
2,5 / 5 / 10 mbar	100 mbar
12,5 / 25 / 50 mbar	250 mbar

+/- P<sub>nenn</sub> also possible  
 other ranges on request

## Safety information

During installation, putting into service and operation of the pressure sensors, it is necessary to observe the relevant safety regulations that are in force in the country of the user (as for example, DIN VDE 0100 part 410).

Errors excepted; subject to alterations in the sense of technical improvement.