

Monitoring of differential pressure

Metering input +/- 350 mbar

Supply voltage 9-35 VDC (12-26 VAC)

Air connection: 4 mm tube

Front dimensions: 72 x 72 mm, 13 mm LED display

Made in accordance with the CE and EMC regulations



DP570 is used for industrial instrumentation, where you want to monitor differential pressure or level in a control panel.

The instrument is also available with 1 analogue 4-20 mA metering output and 1 programmable digital output, or with RS485 / CAN connection.

The instrument is powered by 24 VAC/DC. Connections and programming are made on the back of the unit. Offset, span, decimal point and light intensity are programmable, and if the instrument is supplied with outputs, it is possible to program setpoints, hysteresis and time-delay.

Additional informations: See programming manual.

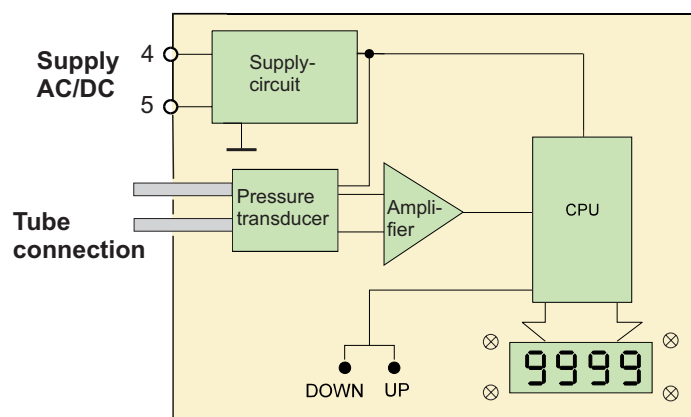
Technical data:

Supply voltage:	9-35 VDC / 12-26 VAC
Power consumption:	typ. 12 mA @ 24 VDC
Operating temp.:	-10°C to +50°C
Humidity:	0 - 90% RH, non-condensing
Protection:	IP 54
Temp.coefficient:	max. 0.01% FS/ °C
Linearity:	+/- 0.1% FS
Display range:	-999 to 9999
Calibration accuracy:	better than +/- 0.1% FS
Metering range:	0 - 350 mbar
Input protection:	max. 1.7 bar (burst)
Dimensions:	according to DIN 43700
L x W x D:	72 x 72 x 67 mm

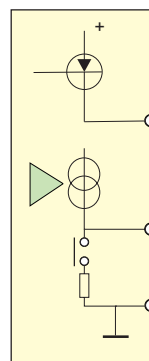
EMC-data:

Emission:	EN 50081-2
Immunity:	EN 50082-2
Safety:	EN 60730

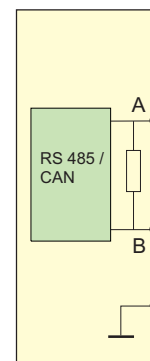
Block diagram:



Option 1:



Option 2:



Ordering guide:

Type:	Option	Metering range
DP570-1	0 = indicator only 1 = 0/4-20 mA and 1 digital 2 = RS485 3 = CAN	1 = 0-350 mbar x = special
Example: DP570-1-0-1		