

Differential pressure transmitter for non aggressive gases

Accuracy 0,25%, 0,5% and 1,0 %

Output
 or 4...20 mA;
 or 0...20 mA;
 or 0...10 VDC;
 or -10...10 VDC;

Characteristics

high Overpressure optional 2 bar
 short reaction time
 excellent long term stability

Anwendung

Für nichtaggressive Gas

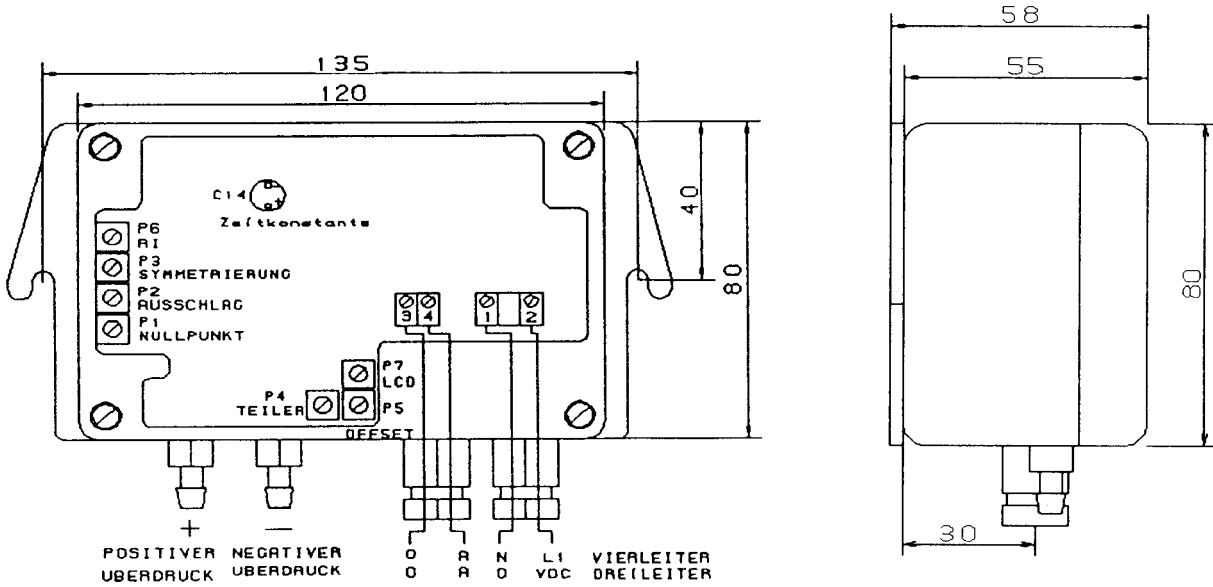


Preferred areas of use are:

medical equipment
 filter technology, flow measurement
 heating and air conditioning

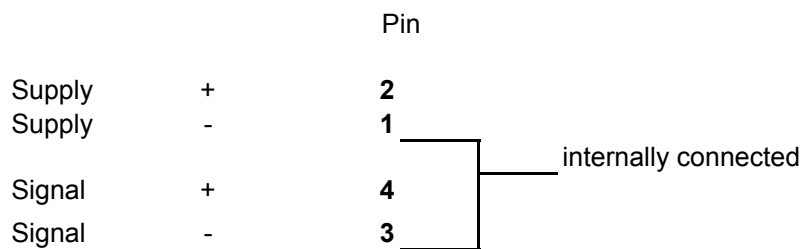
Typ	SD-80	SD-82	SD-84
Accuracy	1,0 % FSO	0,5 % FSO	0,25 % FSO
Ranges in mbar	0...0,1, ...0,5, ...0,6, 1, 1,6, 2,5, 4, 5, 6, 10, 16, 25, 40, 60, 100, 160, 250, 0...400, 600, 1.000		
Ranges in mbar absolut	900...1100, 800...1.200, 0...1.000		
Overpressure	up to 160 mbar : from 250 mbar:	- 5,0 X - 2,0 X	
Sensorelement	induktive		
Hysteresis	< 0,1 % FSO		
Long term stability	< 0,5 % FSO / year		
Case	Plastic, ABS		
Media wetted parts	Ni, Al, CuBe, Pu, Silikon-rubber		
Pressure connection	2 x Dm. 6,6 x 11 mm for 6 mm flexible tubes		
Electr. Connection	PG 7		
Power supply	19...31 VDC at 3-wire, 12...32 VDC at 4...20 mA 2-wire		
Current consumption	10 mA, if output 4...20 mA the signal		
Temperatur compens.	10...50 °C		
Temperature error	0,3 % / FSO / 10 K,		
justable time	< 2 ms (from 10% to 90% FSO)		
Protection	IP 54 according EN 60529 / IEC 529		
Temperatures	Medium: 10°C bis 50°C, ambient: -10°C bis 70°C		
Weight	0,3 kg		

Dimensions



Electrical Connection

3-wire system



2-wire system

