

Product info DS: Pressure Measuring Instrument

- for measurement of difference pressure with Pitot tubes
- for measurement of overpressure and vacuum

Description:

Pressure transmitters DS are for using in air and non-aggressive gases. They measure difference- and absolute pressure and relative pressure. Analog output signal with 4-20 mA output in two wire technic. Because of the piezo resistive cell reach a high reliability and precision.

Transmitters are housed in a robust aluminium package. This guarantees good EMC properties.

Each measuring instrument is delivered in addition of an individual calibration report.

Technical data:

operating temperature range:	-20 to +50°C
supply:	+ 24 VDC
pneumatic (sensor):	2 connections for hoses ID Ø 4mm
weight:	170 g
protection:	IP 65
measuring medium:	air and all other non-aggressive gases
dimensions:	see drawing
analog output:	4-20 mA



range of pressure [mbar]	overload [mbar]	dissolution [% of final value]	Temp.-error max. [% of final value] 0-50°C	Long-time-stability [% of final value each year]	reproducibility [% of final value]	Art.-No.:
0-10	350	0,8	1	0,5	0,2	DS 10
0-100	350	0,5	1	0,1	0,1	DS 100
700-1100 absolute	3-fold	0,9	2,3	1	0,1	DS B

Other ranges on request.

