

Differential Pressure Transmitter 212

The Series 212 Weatherproof Differential Pressure Transmitter can accurately measure positive, negative, or differential pressure and send a corresponding 4-20 mA or 0-10 V output signal. The Series 212 Weatherproof Differential Pressure Transmitter is designed with an IP 65 enclosure and can be easily mounted to any flat surface. The Series 212 is not position sensitive and can be mounted in any orientation without compromising accuracy. The compact, lightweight design makes installation simple and easy.



APPLICATIONS

Pharmaceutical
Cleanroom
Ventilation filters
Universities
Research centers
Hospitals

HIGHLIGHTS

Compact design
0.25% accuracy
IP 65 enclosure
4-20 mA or 0-10 V output

Technical characteristics

Maximum pressure	Ranges \leq 5 PSI (35 kPa) = 15 PSI (100 kPa) Max Ranges $>$ 5 PSI (35 kPa) = 30 PSI (200 kPa) Max
Media compatibility	Air and compatible non combustible, non corrosive gasses
Accuracy	Ranges \leq 4" w.c. (1 kPa) 1.0% Ranges \geq 5" w.c. (1.25 kPa) 0.25%
Temperature ranges	
Compensated	15° to 120 °F (-10° to 50 °C)
Operating	-10° to 155 °F (-25° to 70 °C)
Thermal effect	+/- 0.028% FS/ °F (+/- 0.050%/ °C)
Stability	+/- 0.25% FS/year
Output signal	4-20 mA, 2 wire or 0-10V
Loop resistance	250 Ω @ 24 VDC
Power supply	12-30 VDC
Enclosure rating	IP 65
Electrical connections	Screw terminals
electrical entry	PG7 cable gland
Process connection	Barbed fittings for 3/ 16" flexible tubing
Agency approvals	CE

