



PRESSURE SENSORS

Serving OEMs, Distributors, and Contractors with Application Solutions for: Building Static Pressure, Building Differential Pressure, Leak Detection, Filter Blockage, Measuring Flow, Measuring Velocity, Pneumatic Control, Industrial Equipment, Hydraulic Systems, Process Control, Chiller Systems, Boiler Systems, Refrigerant Systems, Clean Rooms, Data Centers, and Hospitals.

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Automation Components, Inc.

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PRESSURE

ACI's wet and dry media pressure sensors ensure your building operates at the highest level of efficiency. Multiple models have user-configurable options to maximize application flexibility.

Applications:

- Building Static Pressure
- Building Differential Pressure
- Leak Detection
- Filter Blockage
- Flow Measurement
- Velocity Measurement
- Pneumatic Control
- Industrial Equipment
- Hydraulic Systems
- Process Control
- Chiller Systems
- Boiler Systems
- Refrigerant Systems
- Clean Rooms
- Data Centers
- Hospitals
- Positive & Negative Room Pressure Control



DLP SERIES [DIFFERENTIAL PRESSURE]

The DLP series features user-selectable ranges and outputs as well as an optional LCD. Default accuracy is $\pm 0.5\%$ with $\pm 0.25\%$ available. Easy to set up and install using the optional pitot tube and DIN rail bracket.



MLP2 SERIES [DIFFERENTIAL PRESSURE, PANEL MOUNT]

The MLP2 is a small footprint, small price-point, streamlined version of the DLP series specifically for panels. It features a built-in DIN rail bracket and external terminal blocks for fast installation.



WPR2 SERIES [WET TO WET DIFFERENTIAL PRESSURE]

The WPR2 uses two remote sensors to calculate differential pressure. This allows for greater application flexibility and reduced installation costs. No manifold or bypass assemblies are needed. The WPR2 offers selectable ranges and outputs.



GP SERIES [GAGE PRESSURE]

The GP series is commonly used to measure water, gas, steam, or refrigerant pressure. Numerous ranges, harness lengths, syphons, and snubbers are available. The default output is 4–20 mA and the thread is $\frac{1}{4}$ " male NPT. Additional ranges, outputs, and fittings are available by special order.



PRESSURE SWITCHES

ACI's two pressure switches (AFS series and DBL series) include the following options: manual or automatic reset, adjustable setpoint and switching differential, and a wide variety of measurement ranges.





PICK-UP PORTS

Pick-up ports are used to sample pressure from the space(s) being monitored, which is critical for controlling positive and/or negative pressure. These pick-up ports are available in multiple indoor and outdoor options.



PITOT TUBES [PLASTIC]

The 3", 5.2", 7.5", and 9.7" pitot tubes are designed to sense the differential inlet pressure in the section of VAV and fan terminal boxes. Pitot tubes can also be used to measure the differential pressure at any location in the duct system.



STATIC PITOT TUBES [ALUMINUM]

The 3.5" and 8" static pitot tubes are used to measure static or velocity pressure in ducts.



VELOCITY PITOT TUBES [ALUMINUM]

The VPT has a 3.5" and 8" insertion length and a pointed tube that is used to measure the velocity pressure when mounted facing into the air stream.



MEDICAL GRADE TUBING

ACI offers tubing to be used in conjunction with the DLP, MLP2, AFS, and DBL series pressure transmitters and switches.



SYPHONS/SNUBBERS

ACI offers a variety of syphons and snubbers to use with the GP and WPR2 series pressure transmitters. The syphons protect the transmitters from high temperatures while the snubbers protect from pressure surges.





WE HAVE YOU COVERED!



From engineering and design services to installation and troubleshooting, our Technical Support Team offers expert support for every customer and every application. Our Sales and Customer Support Teams can help with quotes, order status, invoicing, and many product spec and application questions.

CONTACT US

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