

Pressure & flow transmitters



PSIDAC

6279 AutoZero Pressure transmitter

FlowGuard 6279 AutoZero Pressure transmitter.

The FlowGuard 6279 is an advanced processor transmitter with optional AutoZero [Z] added, aimed for the standard pressure measurement tasks. It's designed with the user and installer in mind. The 6279 eliminate many of the problems that traditional sensors suffer from and provide as much flexibility as possible.

The unit has field selectable features like signal output (mA or Volt) and Signal volt outputs (0-10, 0-5, 2-10). Different predefined measuring ranges (5, 10, depending on selected models) are available. And to simplify the installation, the 6279 uses display and push buttons to make the settings easy.

With these options in one sensor you can cover e.g. static duct pressure measuring (unidirect [U] sensor), or most situations for room pressure measurements. And if the 6279 is ordered with Bidirectional sensor [B] it's possible to measure both positive and negative pressures. The analogue output will be at middle point of selected output range when pressure is at zero for the bidirect model.

The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable. To further improve it, auto calibration is an option added on this sensor for applications where any small drift over time is not accepted, e.g. as in hard to reach locations, or when the sensor is configured for very low pressures like ± 5 Pa.

And the pressure reading can be reached by BMS through the Modbus if wanted. The Modbus feature adds more value to the product since all settings and parameters can be reached from a BMS/Scada.

384.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4



PSIDAC

6279 Display & AutoZero Pressure transmitter

FlowGuard 6279 Display & AutoZero Pressure transmitter.

The FlowGuard 6279 is an advanced processor transmitter with optional Display [D] visible through the cover and AutoZero [Z], aimed for the standard pressure measurement tasks. It's designed with the user and installer in mind. The 6279 eliminate many of the problems that traditional sensors suffer from and provide as much flexibility as possible.

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The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable. To further improve it, the display is visible through the top cover lid so actual value is readable from far distance (illuminated LED display). And auto calibration is added on this sensor for applications where any small drift over time is not accepted, e.g. as in hard to reach locations, or when the sensor is configured for very low pressures like ± 5 Pa.

And the pressure reading can be reached by BMS through the Modbus if wanted. The Modbus feature adds more value to the product since all settings and parameters can be reached from a BMS/Scada.

424.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4

6279 Display Pressure transmitter

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324.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4





6279 Standard Pressure transmitter

FlowGuard 6279 Standard Pressure transmitter.

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The unit has field selectable features like signal output (mA or Volt) and Signal volt outputs (0-10, 0-5, 2-10). Different predefined measuring ranges (5, 10, depending on selected models) are available. And to simplify the installation, the 6279 uses display and push buttons to make the settings easy.

With these options in one sensor you can cover e.g. static duct pressure measuring (unidirect [U] sensor), or most situations for room pressure measurements. And if the 6279 is ordered with Bidirectional sensor [B] it's possible to measure both positive and negative pressures. The analogue output will be at middle point of selected output range when pressure is at zero for the bidirect model.

The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable over long time.

And the pressure reading can be reached by BMS through the Modbus if wanted. The Modbus feature adds more value to the product since all settings and parameters can be reached from a BMS/Scada.

284.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4



6280 AutoZero Pressure transmitter

FlowGuard 6280 AutoZero Pressure transmitter.

The FlowGuard 6280 is an advanced processor transmitter with optional AutoZero [Z] added, aimed for the standard pressure measurement tasks. The 6280 eliminates many of the problems that traditional sensors suffer from and provides as much flexibility as possible.

The unit has field selectable features like Signal output (mA or Volt) and Signal volt outputs (0-10, 0-5, 2-10). Different predefined measuring ranges (5, 10, depending on selected models) are available in the menu.

With these options in one sensor you cover most situations for room pressure measurements. E.g. an application with positive room pressure the Unidirect [U] sensor model is selected. And the High & Low alarms is used with the CPS single mode. Or a Bidirect [B] sensor is selected and you can select if you use the room in either Positive or Negative pressure. The output is configured to Bidirectional mode (zero pressure = middle of analogue output signal). The 6280 High & Low alarm works with the CPS system in the selected positive or negative room in a Single room mode. The installation is simple with the 6280 using the display and push buttons configuring the settings.

The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable. To further

improve it, auto calibration is added on this sensor for applications where any small drift over time is not accepted, e.g. in hard to reach locations, or when the sensor is configured for very low pressures like ± 5 Pa.

With the optional relay a simple alarm function can be achieved. An example is measuring pressure in a room. If pressure is too low a LED light tower connected directly to the 6280 relay will warn staff with a light by the door. Simple and quick installations. The alarm level can be reached by Modbus if wanted. Through Modbus all settings and parameters can be reached from a BMS/Scada.

424.00 € – 454.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6280 Display & AutoZero Pressure transmitter

FlowGuard 6280 Display & AutoZero Pressure transmitter.

The FlowGuard 6280 is an advanced processor transmitter with optional Display [D] visible through the cover and AutoZero [Z], aimed for the standard pressure measurement tasks. The 6280 eliminates many of the problems that traditional sensors suffer from and provides as much flexibility as possible.

The unit has field selectable features like Signal output (mA or Volt) and Signal volt outputs (0-10, 0-5, 2-10). Different predefined measuring ranges (5, 10, depending on selected models) are available in the menu.

With these options in one sensor you cover most situations for room pressure measurements. E.g. an application with positive room pressure the Unidirect [U] sensor model is selected. And the High & Low alarms is used with the CPS single mode. Or a Bidirect [B] sensor is selected and you can select if you use the room in either Positive or Negative pressure. The output is configured to Bidirectional mode (zero pressure = middle of analogue output signal). The 6280 High & Low alarm works with the CPS system in the selected positive or negative room in a Single room mode. The installation is simple with the 6280 using the display and push buttons configuring the settings.

The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable. To further improve it, the display is visible through the top cover lid so actual value is readable from far distance (illuminated LED display). And auto calibration is added on this sensor for applications where any small drift over time is not accepted, e.g. as in hard to reach locations, or when the sensor is configured for very low pressures like ± 5 Pa.

With the optional relay [R] a simple alarm function can be achieved. An example is measuring pressure in a room. If pressure is too low a LED light tower connected directly to the 6280 relay will warn staff with a light by the door. Simple and quick installations. The alarm level can be reached by Modbus if wanted. Through Modbus all settings and parameters can be reached from a BMS/Scada.

464.00 € – 494.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay



6280-001



PSIDAC

6280 Display Pressure transmitter

FlowGuard 6280 Display Pressure transmitter.

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364.00 € – 394.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6280-001



PSIDAC

6280 Standard Pressure transmitter

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The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable over long time.

With the optional relay a simple alarm function can be achieved. An example is measuring pressure in a room. If pressure is too low a LED light tower connected directly to the 6280 relay will warn staff with a light by the door. Simple and quick installations. The alarm level can be reached by Modbus if wanted. Through Modbus all settings and parameters can be reached from a BMS/Scada.

324.00 € – 354.00 €

- Sensor/Range:b250, b0500, b1250, 500, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6282 Advanced Pressure transmitter

FlowGuard 6282 Advanced Pressure transmitter.

The FlowGuard 6282 is an advanced transmitter that is designed with the user and installer in mind. The 6282 eliminates many of the problems that traditional sensors suffer from and provides as much flexibility as possible.

The unit has field selectable features like Signal output (mA or Volt) and Signal volt outputs (0-10, 0-5, 2-10). Different predefined measuring ranges (5, 10, ... depending on selected models) are available and these can be changed by the user to other values. E.g. if you select the 25 range and wish to change it to a 0-30 range.

With these options in one sensor you cover most situations for room pressure measurements. For an application with user selectable room modes (switch for Positive room pressure, Neutral, and Negative room pressure) a Bidirectional [B] model is used. And the CPS works in Dual room mode and handles all 4 alarm (Negative High & Low, Positive High & Low alarm) that the 6282 have. The installation is simple with the 6282 using the display and push buttons configuring the settings.

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364.00 € – 394.00 €

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- Options:nothing, relay



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With the optional relay a simple alarm function can be achieved. An example is measuring pressure in a room. If pressure is too low a LED light tower connected directly to the 6282 relay will warn staff with a light by the door. Simple and quick installations. The alarm level can be reached by Modbus if wanted. Through Modbus all settings and parameters can be reached from a BMS/Scada.

464.00 € – 494.00 €

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With the optional relay [R] a simple alarm function can be achieved. An example is measuring pressure in a room. If pressure is too low a LED light tower connected directly to the 6282 relay will warn staff with a light by the door. Simple and quick installations. The alarm level can be reached by Modbus if wanted. Through Modbus all settings and parameters can be reached from a BMS/Scada.

504.00 € – 534.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6282 Display Pressure transmitter

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404.00 € – 434.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4



- Options:nothing, relay

6283 Advanced Pressure transmitter

FlowGuard 6283 Advanced Pressure transmitter.

The FlowGuard 6283 is an advanced transmitter that is designed with the user and installer in mind. The 6283 eliminates many of the problems that traditional sensors suffer from and provides as much flexibility as possible.

The unit has field selectable features like Unit (Pascal, l/s m/s ACPH), Signal output (mA or Volt) and Signal volt outputs (0-10, 0-5, 2-10). Different predefined measuring ranges (5, 10, depending on selected models) are available and these can be changed by the user to other values. E.g. if you select the 50 range and wish to change it to a 0-60 range.

With all these options in one sensor you cover most situations for room pressure measurements and HVAC duct flow measurements etc. If airflow in a duct, select unit l/s or ACPH. For l/s set duct size and k-factor. For ACPH just set room volume. If room pressure application and 6283 [B] Bidirectional version, the output is configured to work in Uni or Bidirectional mode. For an application with user selectable room modes (switch for Positive room pressure, Neutral, and Negative room pressure) a Bidirectional [B] model is used. And the CPS works in Dual room mode and handles all 4 alarm (Negative High & Low, Positive High & Low alarm) that the 6283 have. And to simplify the installation, the 6283 uses display and push buttons to make the settings easy.

The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable over long time.

With the optional relay a simple alarm function can be achieved. One example of measuring ACPH is air supply to a room. If flow is too low a LED light tower connected directly to the 6283 relay will warn staff with a light by the door. Simple and quick installations. And yes, the alarm levels can be reached by BMS through the Modbus if wanted. The Modbus feature adds more value to the product since all settings and parameters can be reached from a BMS/Scada

404.00 € – 434.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

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Bidirectional [B] model is used. And the CPS works in Dual room mode and handles all 4 alarm (Negative High & Low, Positive High & Low alarm) that the 6283 have. And to simplify the installation, the 6283 uses display and push buttons to make the settings easy.

The sensor has a silicone membrane and works with capacitive technique. It's extremely accurate and durable. To further improve it, auto calibration is added on this sensor for applications where any small drift over time is not accepted, e.g. in hard to reach locations, or when the sensor is configured for very low pressures like ± 5 Pa.

With the optional relay a simple alarm function can be achieved. An example is measuring pressure in a room. If pressure is too low a LED light tower connected directly to the 6283 relay will warn staff with a light by the door. Simple and quick installations. The alarm level can be reached by Modbus if wanted. Through Modbus all settings and parameters can be reached from a BMS/Scada.

504.00 € – 534.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6283 Display & AutoZero Pressure transmitter

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With the optional relay [R] a simple alarm function can be achieved. An example is measuring pressure in a room. If pressure is too low a LED light tower connected directly to the 6282 relay will warn staff with a light by the door. Simple and quick installations. The alarm level can be reached by Modbus if wanted. Through Modbus all settings and parameters can be reached from a BMS/Scada.

544.00 € – 574.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6283 Display Pressure transmitter

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444.00 € – 474.00 €

- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay





CPS External bracket on the wall

CPS external bracket on the wall - 10029

The 10029 external bracket is the version for mounting on the wall, when you don't want to (or can't) make an flush wall installation. Cables reach the CPS by cable channels on the wall to this bracket. Just drill a hole in this bracket on desired side, top, side or bottom, where the cables arrives to the CPS.

The base size on the wall needed is 154 in height, and 105 mm wide (it's a portrait/standing view on the display). It comes out from the wall 35mm, and 38mm with CPS panel installed.

74.00 € (10029)



CPS Recessed box Deep

CPS Recessed box Deep - 10030

The 10030 recessed box is the deep version for more space in the wall box, for easier connection if there is many cables in the system.

It require a wall depth of 65 mm to fit inside the wall. Hole opening should be 115 mm height, and 90 wide (it's a portrait/standing view on the display).

14.00 € (10030)



CPS Recessed box Shallow

CPS Recessed box Shallow - 10033

The 10033 recessed box is the shallow version for thinner walls, and when you don't have that many cables and connections in the CPS system.

It require a wall depth of 40 mm to fit inside the wall. Hole opening should be 115 mm height, and 90 wide (it's a portrait/standing view on the display).

14.00 € (10033)

FlowGuard 5290

The FlowGuard 5290 is a high quality digital processor controlled flow and pressure monitor. Setup is very easy with the help of display and keypad. All parameters like alarm levels, alarm delays, unit, area, k-factor etc. can easily be modified to suite the application. The ceramic membrane and the capacitive technique used result in high accuracy and excellent long-term stability.

(5290)



Pitot tube Chrome

A pitot tube is a pressure measurement probe used to measure air flow velocity. PSIDAC offers a wide range of high-quality and accurate type L pitot tubes.

41.00 € – 69.00 €

- Length:1000, 350, 370, 500, 750



Pitot tube Stainless

A pitot tube is a pressure measurement probe used to measure air flow velocity. PSIDAC offers a wide range of high-quality and accurate type L pitot tubes.

57.00 € – 80.00 €

- Length:1000, 370, 500, 750, 1500



PPB075 Pressure Pickup Box

PPB 075 Pressure Pickup Box

The PPB 075 is a small and elegant box for picking up the pressure in a room or hallway. The tube coming from the pressure transmitter, needs to end in the room that you are measuring. And it doesn't look nice to just leave the tube end hanging, so you put this small box up, and let the tube end in the box. Covered and looking nice. There is plenty of ventilation in the box to let the air/pressure in. And there is already a 8 mm hole for tube to enter the box.

Usually each system and measured room have two of these pressure pickup boxes, one in the room and one in reference space (e.g. hallway).



3.00 € (PPB075)

RC Probe Flat Epoxy

Flow measurement probe for rectangular ducts. Suitable for our pressure transmitter FG 6280, controller 6285, monitor FG 5290 and controller 5400.

53.00 € – 106.00 €

- Length:125, 160, 200, 250, 315, 400, 500, 630, 800, 1000, 1250



PSIDAC

RC Probe Round Epoxy

Flow measurement probe for round ducts. Suitable for our pressure transmitter FG 6280, controller 6285, monitor FG 5290 and controller 5400.

53.00 € – 106.00 €

- Length:125, 160, 200, 250, 315, 400, 500, 630, 800, 1000, 1250



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