PSIDAC

Care is in the Air

PSIDAC - Product Catalog
This catalog was generated on
2020/09/25

FG 6283

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

6283 AutoZero Pressure transmitter

FlowGuard 6283 AutoZero Pressure transmitter.

The FlowGuard 6283 is an advanced processor transmitter with optional AutoZero [Z] added, aimed for the standard pressure measurement tasks. 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

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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

FlowGuard 6283 Display & AutoZero Pressure transmitter.

The FlowGuard 6283 is an advanced processor transmitter with optional Display [D] visible through the cover and AutoZero [Z], aimed for the standard pressure measurement tasks. 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. 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 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.

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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
FlowGuard 6283 Display Pressure transmitter.

The FlowGuard 6283 is an advanced processor transmitter with optional Display [D] visible through the cover, aimed for the standard pressure measurement tasks. 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. To further improve it, the display is visible through the top cover lid so actual value is readable from far distance (illuminated LED display).

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 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.

444.00 € – 474.00 €
- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay