PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Pressure applications

5400 Controller

The FlowGuard 5400 is a high quality digital processor controlled pressure / flow

controller with integrated alarm-monitor. Setup is very easy with the help of

display and keypad. All parameters like alarm levels, alarm delays, unit, area,

k-factor etc. control parameters (PID) etc.

can easily be configured.

The silicon membrane and the capacitive

technique used result in high accuracy and excellent long-term stability. The

sensor has a sealed membrane to prevent air of flowing through the sensor,

extremely important for applications where no air is allowed to pass through

the sensor, like in hospitals and clean room. The controller is equipped with

dual PID parameters that assure stable and fast control. This gives the

possibility to handle difficult applications like pressure control of small

areas etc

(5400)

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.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

384.00 €

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

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.

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, 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

FlowGuard 6279 Display Pressure transmitter.

The FlowGuard 6279 is an advanced processor transmitter with optional Display [D] visible through the cover, 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.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

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, the display is visible through the top cover lid so actual value is readable from far distance (illuminated LED display).

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.

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.

The FlowGuard 6279 is an advanced processor transmitter 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 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

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

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 rooom 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 rooom 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

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

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 Display Pressure transmitter

FlowGuard 6280 Display Pressure transmitter.

The FlowGuard 6280 is an advanced processor transmitter with optional Display [D] visible through the cover, 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 rooom 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).

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.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

364.00 € – 394.00 €
- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6280 Standard Pressure transmitter

FlowGuard 6280 Standard Pressure transmitter.

The FlowGuard 6280 is an advanced transmitter that is designed with the user and installer in mind. 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 rooom 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 postive 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 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.

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 room 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.

364.00 € – 394.00 €
- Sensor/Range:b250, b0500, 500, b1250, b2500, u2500, t0250
- Pressure connectors:5mm, 6mm-1-4
- Options:nothing, relay

6282 AutoZero Pressure transmitter

FlowGuard 6282 AutoZero Pressure transmitter.

The FlowGuard 6282 is an advanced processor transmitter with optional AutoZero [Z] added, aimed for the standard pressure measurement tasks. 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.

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

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

6282 Display & AutoZero Pressure transmitter

FlowGuard 6282 Display & AutoZero Pressure transmitter.

The FlowGuard 6282 is an advanced processor transmitter with optional Display [D] visible through the cover and AutoZero [Z], aimed for the standard pressure measurement tasks. 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.

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 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

FlowGuard 6282 Display Pressure transmitter.

The FlowGuard 6282 is an advanced processor transmitter with optional Display [D] visible through the cover, aimed for the standard pressure measurement tasks. 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

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

6282 have. The installation is simple with the 6282 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).

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.

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

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

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 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.

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

PSIDAC
Care is in the Air

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

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

6285 Controller

The FlowGuard 6285 is a high quality digital processor controlled pressure/ flow controller. Setup is very easy with the help of display and keypad. All parameters like alarm levels, alarm delays, unit, area, k-factor etc. control parameters (PID)etc. can easily be configured.

The silicon membrane and the capacitive technique used result in high accuracy and excellent long-term stability. The sensor has a sealed membrane to prevent air of flowing through the sensor, extremely important for applications where no air is allowed to pass through the sensor, like in hospitals and clean room.

The controller is equipped with dual PID parameters that assure stable and fast control. This gives the possibility to handle difficult applications like pressure control of small areas etc

(6285)

CPS 6020 Standard System - Master Panel

System 6020 is a unique system in it's flexibility and ease of use - Master Panel

The CPS 6020 is a dynamic monitor system for up to 2 rooms. CPS 6020 can monitor and and handle alarms for 2 rooms at the same time. It's used in hospitals and processes where you need to have easy access to visible info on the important parameters for your operation and process.

Monitor positive or Negative pressure:

CPS 6020 operates in a Single room mode. A room where you need to know the room pressure; positive (protect the products or a patient) or a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6020 can monitor and show alarms for 2 different rooms at the same time. So if you have a ante-room, or a side room it can be monitored as well. And when being in the surrounding rooms you have panels in these rooms as well (Slave panels) so you always see the status and alarms in all important working areas. You can

add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is Ok and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment. Also a low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6020 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

506.00 € – 610.00 €
- Wall mount:x-none, d-recessed-deep, e-external-on-wall, s-recessed-shallow
- Options:nothing, relay
- Coms:1-modbus-2-wire

CPS 6020 Standard System - Slave panel

System 6020 is a unique system in it's flexibility and ease of use - Slave Panel

The CPS 6020 is a dynamic monitor system for up to 2 rooms. CPS 6020 can monitor and and handle alarms for 2 rooms at the same time. It's used in hospitals and processes where you need to have easy access to visible info on the important parameters for your operation and process.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Care is in the Air

Monitor positive or Negative pressure:

CPS 6020 operates in a Single room mode. A room where you need to know the room pressure; positive (protect the products or a patient) or a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6020 can monitor and show alarms for 2 different rooms at the same time. So if you have a ante-room, or a side room it can be monitored as well with this Slave panel. And when being in the surrounding rooms you have this slave panels so you always see the status and alarms in all important working areas. You can add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is Ok and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment. Also a low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6020 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

506.00 € – 610.00 €
- Wall mount:x-none, d-recessed-deep, e-external-on-wall, s-recessed-shallow
- Options:nothing, relay
- Coms:1-modbus-2-wire

CPS 6021 Advanced System - Master Panel

System 6021 is a unique system in it's flexibility and ease of use - Master Panel

The CPS 6021 is a advanced monitor system for up to 2 rooms. It's used in hospitals and processes where you need to have easy access to visible info on various important parameters for your operation and process. It can handle various sensors like Gases, Temp, Humidity, Air flow, Air Changes, Particles and Barometer etc.

Monitor positive or Negative pressure:

CPS 6021 operates in Dual room mode. E.g. you can easily switch from a positive room (protect the products or a patient) to a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6021 can monitor and show alarms (up to 4 units) for 2 different rooms at the same time. So if you have ante-rooms, or side rooms they can be monitored as well. And when being in the surrounding rooms you have panels in these rooms as well (Slave panels with selected parameters) so you always see the status and alarms in all important working areas. You can add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is OK and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment, low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost, and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6021 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

686.00 € – 790.00 €
- Wall mount:x-none, d-recessed-deep, e-external-on-wall, s-recessed-shallow
- Options:nothing, relay
- Coms:1-modbus-2-wire

CPS 6021 Advanced System - Slave Panel

System 6021 is a unique system in it's flexibility and ease of use - Slave Panel

The CPS 6021 is a advanced monitor system for up to 2 rooms. It's used in hospitals and processes where you need to have easy access to visible info on various important parameters for your operation and process. It can handle various sensors like Gases, Temp, Humidity, Air flow, Air Changes, Particles and Barometer etc.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Monitor positive or Negative pressure:

CPS 6021 operates in Dual room mode. E.g. you can easily switch from a positive room (protect the products or a patient) to a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6021 can monitor and show alarms (up to 4 units) for 2 different rooms at the same time. So if you have ante-rooms, or side rooms they can be monitored as well. And when being in the surrounding rooms you have this slave panels in these rooms as well. The Slave panels shows selected parameters so you always see the status and alarms in all important working areas. You can add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is OK and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment, low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost, and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6021 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

686.00 € – 790.00 €
- Wall mount:x-none, d-recessed-deep, e-external-on-wall, s-recessed-shallow
- Options:nothing, relay
- Coms:1-modbus-2-wire

CPS 6040 Standard System - Master Panel
System 6040 is a unique system in it's flexibility and ease of use. - Master Panel

The CPS 6040 is a dynamic monitor system for up to 4 rooms. CPS 6040 can monitor and and handle alarms for 4 rooms at the same time. It's used in hospitals and processes where you need to have easy access to visible info on the important parameters for your operation and process.

Monitor positive or Negative pressure:

CPS 6040 operates in a Single room mode. A room where you need to know the room pressure; positive (protect the products or a patient) or a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6040 can monitor and show alarms for 4 different rooms at the same time. So if you have ante-rooms, or side rooms they can be monitored as well. And when being in the surrounding rooms you have panels in these rooms as well (Slave panels) so you always see the status and alarms in all important working areas. You can add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

PSIDAC

Care is in the Air

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is Ok and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment. Also a low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6040 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

566.00 € – 670.00 €
- Wall mount:d-recessed-deep, e-external-on-wall, s-recessed-shallow, x-none
- Options:nothing, relay
- Coms:1-modbus-2-wire

CPS 6040 Standard System - Slave panel

System 6040 is a unique system in it's flexibility and ease of use. - Slave panel

The CPS 6040 is a dynamic monitor system for up to 4 rooms. CPS 6040 can monitor and and handle alarms for 4 rooms at the same time. It's used in hospitals and processes where you need to have easy access to visible info on the important parameters for your operation and process.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Monitor positive or Negative pressure:

CPS 6040 operates in a Single room mode. A room where you need to know the room pressure; positive (protect the products or a patient) or a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6040 can monitor and show alarms for 4 different rooms at the same time. So if you have ante-rooms, or side rooms they can be monitored as well. And when being in the surrounding rooms you have this Slave panel in these rooms as well so you always see the status and alarms in all important working areas. You can add up to 10 of this slave panels to one master panel. This slaves can be individually configured, which makes the system even more dynamic.

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is Ok and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment. Also a low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6040 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

566.00 € – 670.00 €
- Wall mount:d-recessed-deep, e-external-on-wall, s-recessed-shallow, x-none
- Options:nothing, relay
- Coms:1-modbus-2-wire

CPS 6041 Advanced System - Master Panel

System 6041 is a unique system in it's flexibility and ease of use - Master Panel

The CPS 6041 is a advanced monitor system for up to 4 rooms. It's used in hospitals and processes where you need to have easy access to visible info on various important parameters for your operation and process. It can handle various sensors like Gases, Temp, Humidity, Air flow, Air Changes, Particles and Barometer etc.

Monitor positive or Negative pressure:

CPS 6041 operates in Dual room mode. E.g. you can easily switch from a positive room (protect the products or a patient) to a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6041 can monitor and show alarms (up to 4 units) for 4 different rooms at the same time. So if you have ante-rooms, or side rooms they can be monitored as well. And when being in the surrounding rooms you have panels in these rooms as well (Slave panels with selected parameters) so you always see the status and alarms in all important working areas. You can add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is OK and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment, low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost, and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6041 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

746.00 € – 850.00 €
- Wall mount:x-none, d-recessed-deep, e-external-on-wall, s-recessed-shallow
- Options:nothing, relay
- Coms:1-modbus-2-wire

CPS 6041 Advanced System - Slave Panel

System 6041 is a unique system in it's flexibility and ease of use - Slave Panel

The CPS 6041 is a advanced monitor system for up to 4 rooms. It's used in hospitals and processes where you need to have easy access to visible info on various important parameters for your operation and process. It can handle various sensors like Gases, Temp, Humidity, Air flow, Air Changes, Particles and Barometer etc.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Monitor positive or Negative pressure:

CPS 6041 operates in Dual room mode. E.g. you can easily switch from a positive room (protect the products or a patient) to a room in negative pressure (protect the surroundings from smell/dust/particles/bacteria/a sick patient).

The CPS system is Dynamic

CPS system is flexible and ease of use for the staff. The 6041 can monitor and show alarms (up to 4 units) for 4 different rooms at the same time. So if you have ante-rooms, or side rooms they can be monitored as well. And when being in the surrounding rooms you have this slave panel in these rooms as well. The Slave panels shows selected parameters so you always see the status and alarms in all important working areas. You can add up to 10 slave panels to one master panel. The slaves can be individually configured, which makes the system even more dynamic.

Safety

The concept is simple (therefore safe), the CPS system will normally display green when everything is OK and Red when there is an alarm condition. That combined with the high accuracy sensors that PSIDAC produce will assure a safe working environment, low cost in contamination problems, and the CPS system will give you a positive profiling and sales argument. Start informing clients/customers that you monitor your processes 24/7 for everybody's safety.

Low installation cost

The system use intelligent sensors, and digital Modbus communication, so it's low installation cost, and easy start-up compared to traditional analog systems. Since the system is based on advanced programming it is easy to add rooms or slave panels after installation.

Communications

The CPS 6041 system communicates to the BMS (Building Management System) or a SCADA-system so the measured parameters can be logged for history and trends. Alarms can be sent out by the BMS (or a dialer unit) to emails and SMS-

cellphones for fast response by staff or service to minimize stop and costs. Relay (option) out for sum alarm.

Nurse Station

Add our Nurse Station NS10 that collects and shows status of max 10 CPS / rooms. Or NS20 that shows max 20 CPS systems / rooms in the reception or staff lunchroom etc.

746.00 € – 850.00 €
- Wall mount:x-none, d-recessed-deep, e-external-on-wall, s-recessed-shallow
- Options:nothing, relay
- Coms:1-modbus-2-wire

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)

Duct air leakage tester

With LIFA 1600 you can easily perform leakage tests in ducts, buildings, filter banks etc. After the measuring object has been thoroughly sealed, an overpressure is created with the damper-controlled fan. The pressure difference over the supplied measuring tubes, with the help of the measuring tube diagrams, produces leakage air.

2,080.00 € (LIFA1600)

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)

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Measuring tube 1600 m3h

Measuring tube for leakage tester LIFA 1600.

Supplied with test certificate.

260.00 € (LIFAMT1600)

Measuring tube 30 m3h

Measuring tube for leakage tester LIFA 1600.

Supplied with test certificate.

260.00 € (LIFAMT0030)

Measuring tube 300 m3h

Measuring tube for leakage tester LIFA 1600.

Supplied with test certificate.

260.00 € (LIFAMT0300)

NS10 Nurse Station

NS10 Nurse station

Applications

The NS10 Nurse Station is a display panel for viewing the CPS systems gathered in one location, e.g. reception desk, or in the staff lunchroom, hallway where everyone can see it easy. Application areas can be for Hospitals with operating rooms, ICU, Pharmacies, Laboratories, Clean rooms and production plants etc.

Description

Each connected CPS system is indicated with a Green status button. If one of the connected systems have a warning the panel indicate Yellow, or if it's an alarm that button goes Red and a buzzer alarms. The audio can be muted.

Clicking the room button views that selected CPS display values so you can see the actual readings, alarms etc.

There is a real time clock in the panel so all alarms can be shown in a event history log.

Models

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

NS10 can display up to 10 CPS systems on one display. And

there is a bigger model NS20 that can display up to 20 CPS systems on one display. See our NS20 product for more info.

Options

And there is an option for relays (2 relays) that acts as sum alarms. One for e.g. a LED flash light tower, and one for a extra siren. The siren relay will be muted with the internal buzzer, but the light relay won't, it goes back to normal only when the alarms are cleared again and it's all green on the panel.

Communications

The NS10 have one internal RS 485 modbus port for connecting to the CPS systems in the building. And another RS 485 modbus port for connecting to external building BMS or SCADA system.

900.00 € – 1,100.00 €
- Wall mount:d-recessed-deep, s-recessed-shallow, e-external-on-wall, t-table-stand, x-none
- Options:nothing, relay, temp, relay-temp-sensor
- Coms:1-modbus-2-wire

NS20 Nurse Station

NS20 Nurse station

Applications

The NS20 Nurse Station is a display panel for viewing the CPS systems gathered in one location, e.g. reception desk, or in the staff lunchroom, hallway where everyone can see it easy. Application areas can be for Hospitals with operating rooms, ICU, Pharmacies, Laboratories, Clean rooms and production plants etc.

Description

Each connected CPS system is indicated with a Green status button. If one of the connected systems have a warning the panel indicate Yellow, or if it's an alarm that button goes Red and a buzzer alarms. The audio can be muted.

Clicking the room button views that selected CPS display values so you can see the actual readings, alarms etc.

There is a real time clock in the panel so all alarms can be shown in a event history log.

Models

NS20 can display up to 20 CPS systems on one display. And

the little brother NS10 can display up to 10 CPS systems on one display. View NS10 for more info.

Options

And there is an option for relays (2 relays) that acts as sum alarms. One for e.g. a LED flash light tower, and one for a extra siren. The siren relay will be muted with the internal buzzer, but the light relay won't, it goes back to normal only when the alarms are cleared again and it's all green on the panel.

PSIDAC - Product Catalog
This catalog was generated on
2020/09/05

Communications

The NS10 have one internal RS 485 modbus port for connecting to the CPS systems in the building. And another RS 485 modbus port for connecting to external building BMS or SCADA system.

1,220.00 € – 1,420.00 €
- Wall mount:x-none, d-recessed-deep, s-recessed-shallow, e-external-on-wall, t-table-stand
- Options:nothing, relay-temp-sensor, relay, temp
- Coms:1-modbus-2-wire

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)