Whether it is pipeline transport, refineries, gas processing, chemical or power plants or oil&gas facilities, various types of gas compressor systems are used in these industries.

Those demanding applications require reliable measuring devices with a high degree of product safety and accuracy to ensure the highest degree of performance and compressor efficiency.

Next to motors and automation components, Siemens offers a broad portfolio of Process Instrumentation including pressure, temperature, flow and level measurement devices and electro-pneumatic positioners. All of our devices provide reliable functionality for a sufficient and safe discharge of the compressor system.

Siemens therefore represents the single source supplier to support you in creating your competitive compressor system.

siemens.com/processinstrumentation/oem
The information provided in this Flyer contains descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective features shall only exist if expressly agreed in the terms of contract. Availability and technical specifications are subject to change without prior notice.

All product designations may be trademarks or product names of Siemens AG or supplier companies whose use by third parties for their own purposes could violate the rights of the owners.

Siemens AG
Process Industries and Drives
Process Automation
Process Instrumentation
76181 Karlsruhe
GERMANY

Siemens AG 2015
siemens.com/processinstrumentation/oem

Benefits:
- Extensive diagnostics and simulation functions
- Wide range of certifications and approvals
- Suitable for installation in SIL2 applications in accordance with IEC61508 / IEC61511

The Siemens plant-wide automation based on future-proof automation, drives technology, industrial software and services enables you to exploit all possible potential for optimization of a machine or plant. Beside instrumentation we offer further suitable products to complete your application.

Benefits:
- Very stable performance due to compact measuring tubes, hemispherical manifold and robust frame
- Space-saving design ensures easy installation, straightforward replacement and multiple units in tight space
- Direct integration into DCS automation systems via HART 7.2 or as stand-alone solution

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

SITRANS TS – Temperature sensor

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor type</td>
<td>PT100 basic, extend or thermocouples</td>
</tr>
<tr>
<td>Communications</td>
<td>4 to 20 mA, HART, PROFIBUS PA and FOUNDATION Fieldbus supported</td>
</tr>
<tr>
<td>Ingress protection</td>
<td>Up to IP65</td>
</tr>
</tbody>
</table>

Benefits:
- Broad portfolio support all main applications
- Modular system for easy configuration
- Industry standard process connections

SITRANS P DS III – Digital pressure transmitter

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>Gauge pressure: 0 to 250 mbar ... 0 to 700 bar</td>
</tr>
<tr>
<td></td>
<td>Absolute pressure (GP design): 0 to 250 mbar a ... 0 to 30 bar a</td>
</tr>
<tr>
<td></td>
<td>Absolute pressure (DP design): 0 to 250 mbar a ... 0 to 100 bar a</td>
</tr>
<tr>
<td></td>
<td>Differential pressure: 0 to 20 mbar ... 0 to 30 bar</td>
</tr>
<tr>
<td>Accuracy</td>
<td>≤ 0.065 %</td>
</tr>
<tr>
<td>Long-term stability</td>
<td>≤ 0.125 % / 5 years</td>
</tr>
</tbody>
</table>

Benefits:
- Extensive diagnostics and simulation functions
- Wide range of certifications and approvals
- Suitable for installation in SIL2 applications in accordance with IEC61508 / IEC61511

SITRANS FC430 – Coriolis mass flowmeter

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor sizes</td>
<td>DN15 to DN80 (1/2&quot; to 3&quot;)</td>
</tr>
<tr>
<td>Accuracy/Repeatability</td>
<td>± 0.10 % / ± 0.05 %</td>
</tr>
<tr>
<td>Process temperature</td>
<td>-50 to 200 °C (-58 to 392 °F)</td>
</tr>
</tbody>
</table>

Benefits:
- Very stable performance due to compact measuring tubes, hemispherical manifold and robust frame
- Space-saving design ensures easy installation, straightforward replacement and multiple units in tight space
- Direct integration into DCS automation systems via HART 7.2 or as stand-alone solution

Low-Voltage Motors

- SIMOTICS and LOHER motors are the right fit for every drive concept

SIMATIC HMI

- Optimized operator control and monitoring systems using open and standardized interfaces

SIMATIC NET Industrial Bus

- Industrial communication allowing efficient integration of the machine into one system