



SIEMENS

Process Instrumentation

Gas compressor

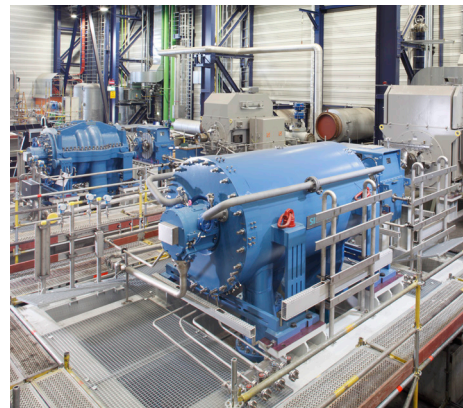
Broad product portfolio for reliable measurements

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](https://www.siemens.com/processinstrumentation/oem)



SITRANS P DS III – Digital pressure transmitter

Measuring range	Gauge pressure: 0 to 250 mbar ... 0 to 700 bar Absolute pressure (GP design): 0 to 250 mbar a ... 0 to 30 bar a Absolute pressure (DP design): 0 to 250 mbar a ... 0 to 100 bar a Differential pressure: 0 to 20 mbar ... 0 to 30 bar
Accuracy	≤ 0.065 %
Long-term stability	≤ 0.125 % / 5 years

Benefits:

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



SITRANS TS – Temperature sensor

Sensor type	PT100 basic, extend or thermocouple
Communications	4 to 20 mA, HART, PROFIBUS PA and FOUNDATION Fieldbus supported
Ingress protection	Up to IP65

Benefits:

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



SITRANS FC430 – Coriolis mass flowmeter

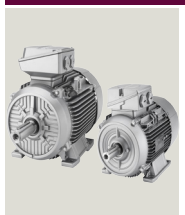
Sensor sizes	DN15 to DN80 (1/2" to 3")
Accuracy/Repeatability	± 0.10 % / ± 0.05 %
Process temperature	-50 to 200 °C (-58 to 392 °F)

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

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.

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

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