

**SIEMENS**



# SITRANS FCS200 and SIFLOW FC070 Ex CT set new standards for CNG flow excellence with NTEP approval for custody transfer

## Process Instrumentation

### **The Siemens Coriolis CNG solution - Ahead in size, performance and simplicity**

The new ultra-compact Coriolis sensor SITRANS FCS200 has attractive performance features ideal for any CNG application. What's more, the overall Siemens CNG flow measurement solution incorporating sensor and transmitter facilitates seamless integration of CNG flow measurement into process control systems.

Take advantage of the new total Siemens CNG solution to achieve important space, time and cost savings in installation and operation.

**Siemens custody transfer NTEP approved CNG sensor – small on size, big on performance** The ultra-compact SITRANS FCS200 sensor fits in where space is crucial, providing extra flexibility in any CNG application - both new and retrofit.

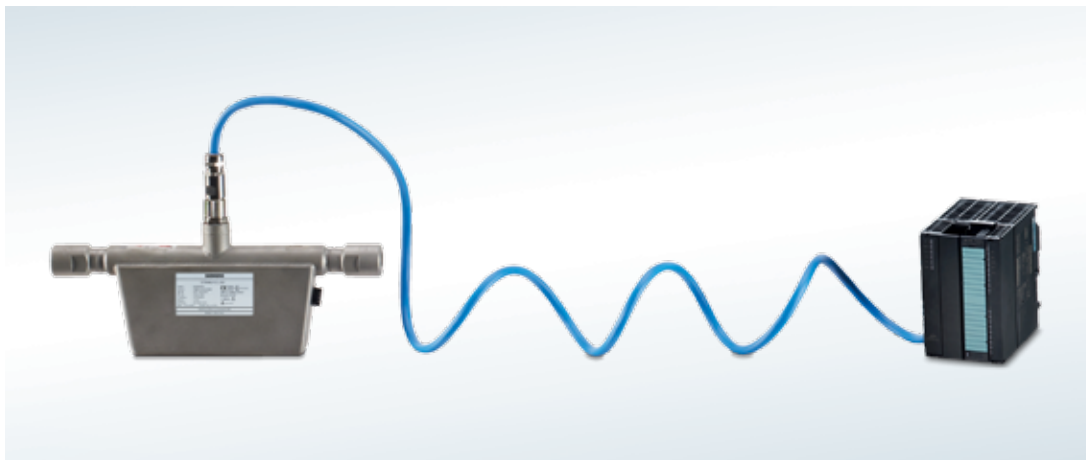
With unparalleled accuracy and capacity under high pressure and hazardous conditions, the SITRANS FCS200 sensor sets a new standard for efficiency and safety in CNG custody transfer measurement.

The FC200 sensors is available in three sizes and is easy to install, with a wide range of process connections available.

[usa.siemens.com/coriolis](http://usa.siemens.com/coriolis)

With the new CNG solution from Siemens multiple cables and tedious installation procedures are relics of the past.

Take advantage of the new standards for simplicity and efficiency in system integration.



Siemens CNG solution - features compact design for ease of fit in any CNG application.

Providing extremely safe, easy, and economic installation. With a single cable connecting sensor and transmitter, Siemens sets the standard for simplicity and effectiveness in system integration.

#### SITRANS FCS200 sensor

The design and performance characteristics of the SITRANS FCS200 sensor provides a broad and competitive range of advantages, making it the perfect solution for the CNG industry:

- **Compactness** – enabling smaller and more efficient dispenser layout and construction, adding simplicity and saving cost.
- **High capacity** – flow rate up to 1100 lb's /min for faster fuelling, improving process flexibly and saving time and money.
- **High accuracy at high pressure** – Hastelloy tube material as standard.
- **Flexibility** – available in multiple sizes permitting the use of one sensor style for your entire CNG system, from dispenser to compressor.

#### SIFLOW FC070 transmitter

The combination of streamlined transmitter features is unparalleled, enabling optimum effectiveness and simplicity in start-up and operation:

- Hassle-free operation – via Modbus RTU service interface enabling straightforward offline trouble-shooting, service and commissioning
- Integrated Ex barrier reducing hazards and installation costs
- Modbus RTU Standalone operation, for fast update of process values

#### Custody transfer approval

For use in traditional pulse interface systems the transmitter comes with CT-approved redundancy pulse and frequency outputs

Contact your channel partner for more information:

#### NTEP approved for custody transfer :

- Accurate consumption monitoring
- NCWM tested and approved
- Optimal cost of ownership
- Accurate CNG billing
- NTEP Approved for custody transfer in USA and Canada

Service and Support: your partner for success Siemens backs up every instrument with top-of-the-line service and support, including:

- 24/7 technical support call 1-800-333-7421
- Field Service personnel with years of experience
- A Quick Ship program for fast replacement of instruments

Technical specifications SITRANS FCS200 sensor			
Size	3/8"	1/2"	1"
Mass flow lbs./min	92.6	440.9	1102.3
Linearity error (% of rate)	±0.5		
Enclosure	IP66 / IP67 (EN 60529)		
Measuring pipe and splitter material	Hastelloy C22		Stainless steel
Enclosure and flange material	1.4404 / 1.4301 (304)		
Nominal pressure	5076 psi		3103 psi
CT approved flow min/max (lbs./min)	2 lbs./min – 119 lbs./min	4 lbs./min – 238 lbs./min	
Approvals	FM Class 1, Div 1, Groups A, B, C, and D		

Siemens Industry, Inc.  
3333 Old Milton Parkway  
Alpharetta, GA 30005  
1-800-241-4453  
info.us@siemens.com

Subject to change without prior notice  
Order No.: PIFL-00097-0415  
All rights reserved  
©2015 Siemens Industry, Inc.

The information provided in this flyer contains merely general 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 characteristics shall only exist if expressly agreed in the terms of contract.

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.