



Flow-X

The ideal flow computer for gas metering with SICK ultrasonic gas meters

DIGITAL FLOW SOLUTIONS

SICK
Sensor Intelligence.



Technical data overview

Conformities	MID API 21.1 EN 12405
Ethernet	✓
Type of fieldbus integration	2x
Modbus	✓
Type of fieldbus integration	ASCII RS-485 (2x) RTU RS-485 (2x)
HART	✓
Remark	Input
Type of fieldbus integration	6x

Product description

The Flow-X flow computer provides gas volume conversion, event logging, parameter logging, and reports using state-of-the-art technology. Identical modules are combined in different housings, offering a multi-stream version Flow-X/P for 1 - 4 measuring distances with a local touch screen, or the version Flow-X/S for smaller installations with one measuring distance. Each module combines high-precision measurement technology, fast digital signal processing, abundant processing power, versatile data communication, and high storage capacity in a fully equipped flow computer. The Flow-X flow computer meets the requirements of even the most demanding applications and is the ideal partner for custody transfer gas metering solutions in installations with FLOWSIC600 ultrasonic gas flow meters.

At a glance

- MID approved configuration for gas metering streams with FLOWSIC600
- Powerful modules for demanding applications
- Each module features CPU, memory and equal in/outputs
- Compelling 7" graphic display with touch operation
- Intuitive user interface for graphics display and web browser
- True remote access via Ethernet
- Station computer for multiple streams

Your benefits

- Reduced planning and installation costs through standard configurations
- Very accurate volume conversion with multiple calculation cycles per second
- High reliability through independent modules with their own volume conversion and storage of measured values, counter readings and events
- Easy extension of installations with modules featuring equal in/outputs and 100% software configuration
- Very simple operation through intuitive user interface featuring identical menus and displays on the device and in the control room
- Reduced service and maintenance costs with tamper-proof remote maintenance
- Cost-efficient and flexible system integration of multiple streams

Fields of application

- Custody gas metering with FLOWSIC600 gas meters
- Demanding natural gas and process gas applications
- Totals at base conditions for gas volume, mass and energy
- For natural gas, special gases and steam
- Gas metering with advanced diagnostics with FLOWSIC600 2plex
- Redundant gas metering with FLOWSIC600 Quatro

Ordering information

Other models and accessories → www.sick.com/Flow-X

- **Product segment:** Systems and solutions
- **Product family group:** Digital flow solutions

Product family	Conformities	Communication interface	Communication Interface detail	Type	Part no.
Flow-X	MID API 21.1 EN 12405	Ethernet Modbus Modbus HART	ASCII RS-485 RTU RS-485	Flow-X	On request

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com