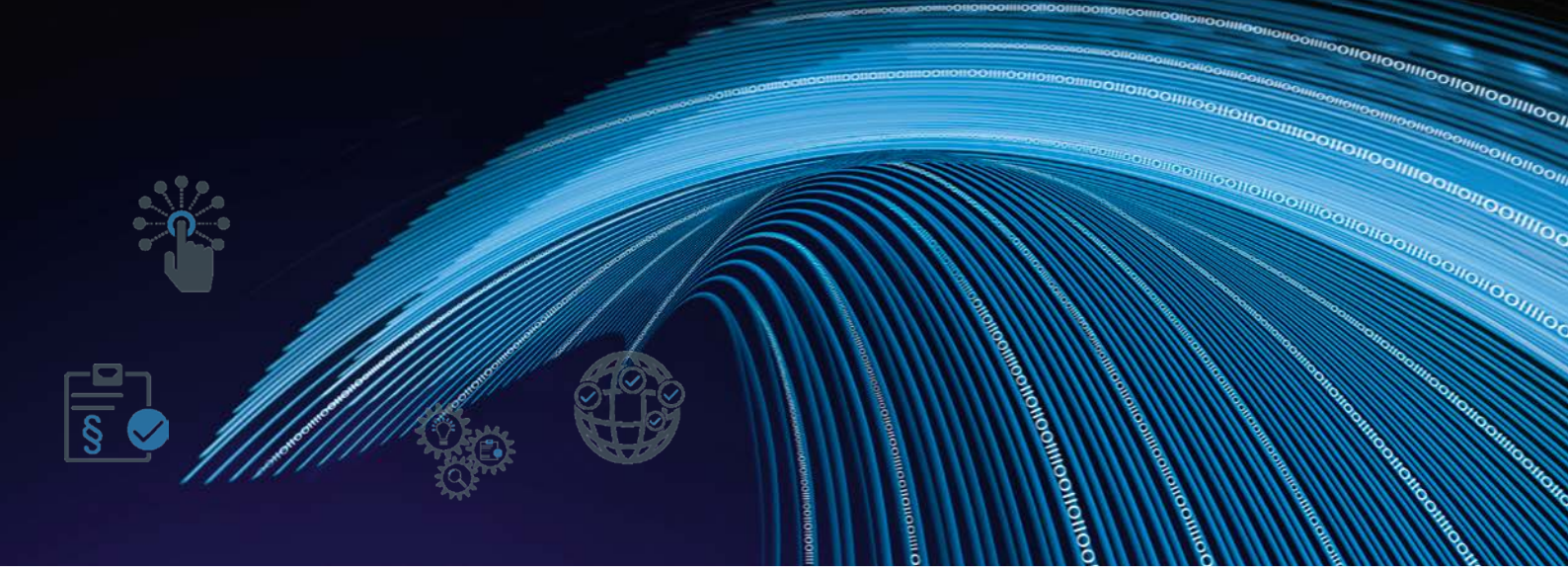
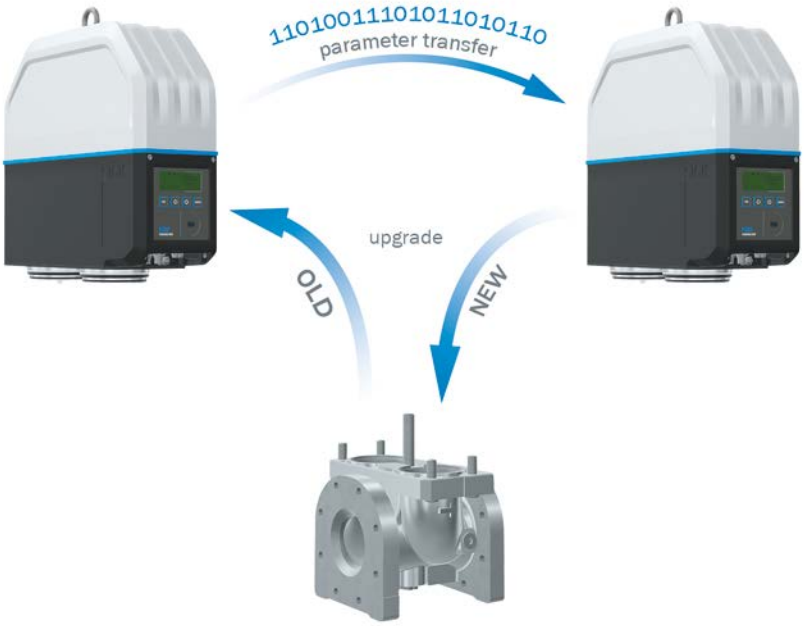


FLOWSIC500 - Cartridge Upgrade

UPGRADE FOR THE DIGITAL FUTURE

Custody transfer ultrasonic gas flow measurement for gas distribution with new valuable, future-ready features

SICK
Sensor Intelligence.



More Performance -
improved measurement algorithms and digital interfaces

Future proof -
Supports the energy revolution

Gas quality -
thanks to i-diangostics™ the Monitor the network decentrally

Certified -
„Cartridge exchange“ metrologically approved

With a renewal of the FLOWSIC500, you receive the latest device generation of ultrasonic gas meters. Improved algorithms, extended interfaces and additional volume corrector functions make the gas measurement future-proof.

www.sick.com/FLOWSIC500

8026411/2021-04 • Subject to change without notice

Out with the old, in with the new: Digitalization requires new hardware

It is virtually impossible these days to avoid the digital transformation. Data have now become indispensable for optimally performing our daily work. Companies therefore need to rethink what they do in order to satisfy their customers' demand for greater transparency and faster communication. Measuring devices, which as data suppliers are essential for implementing the digital future, need to comply with the current standards. Adherence to standards is also important for gas flow measurement because what ultimately counts is more efficiency, higher profitability, and greater competitiveness.

At a glance

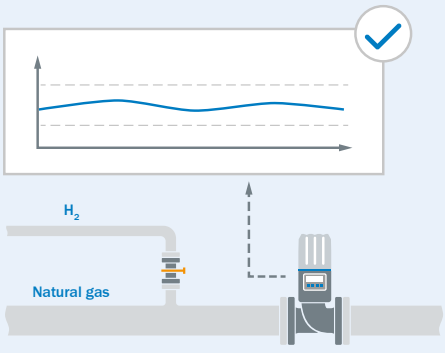
- i-diagnostics™ with Gas Quality Indicator
- Extended interfaces
- Wide-range pressure sensor 0 ... 20 bar(g)
- AGA 8 DC92 compressibility algorithm
- Remote communication
- Modbus register allocation according Modbus ENRON and DSFG-Instance-F supported

Your benefits

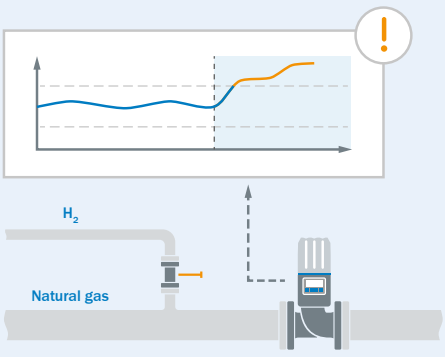
- Easy retrofitting of currently installed FLOWSIC500 gas flow meters by exchanging the measurement cartridge on site
- Allows the gas network to be digitalized
- Unique, remote monitoring of the gas network thanks to i-diagnostics™
- Integrated complete solution: gas flow meter, flow computer, data recording, and data transmission via DATCOM
- Reduced maintenance effort through remote maintenance ("Remote Service")

Fields of application

- Flow measurement in natural gas distribution
- Measurement stations for industrial consumers and billable applications



While commissioning the FLOWSIC500, the current gas composition and a permissible deviation can be configured via the Gas Quality Indicator (GQI) in FLOWgate™. The gas quality is constantly monitored.



If the gas composition changes due to the incorporation of other gas types, e.g. hydrogen, the operator receives a status notification as soon as the GQI exceeds the configured permissible deviation. Any changes in gas quality can thereby be detected.

More information about our product portfolio can be found under: www.sick.com

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