



SwirlMaster FSS430

ABOUT

SwirlMaster FSS430 is the basic meter for volume flow applications. It uses a two-wire transmitter with leading edge DSP-Technology with excellent vibration compensation and enables user friendly intuitive operation directly through the glass. Flexibility in installation, due to low required inlet and outlet sections save 75% straight pipe run.

BENEFITS

- Highly accurate measurement of the flow of gases, liquids and steam over a wide range of temperatures in almost any application.
- Swirl meters are ideal for use on petrochemical raw materials, demineralized water and for direct, cost-effective steam mass flow by employing integral temperature measurement.
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- Optionally available with HMI and digital outputs. Available with integral or remote transmitter with up to 30 m (98 ft.) cable length.

SPECIFICATIONS

Intuitive operation

- Easy Set-up function
- Clear text display
- Meter configuration through the front glass with closed cover

Accuracy for liquids, gases and steam

- +/- 0.5 % of rate

Process connection / meter sizes

- Flange design / DN 15 to 400 (1/2 to 16 in.)

Approvals for explosion protection

- ATEX, IECEx, cFMus, NEPSI

SIL2-certified in accordance with IEC 61508

Output / communication

- 4 to 20 mA / HART 7
- Modbus RTU-RS485

Optional binary output

- For use as a limit switch, pulse output or frequency output

Optional input from field

- Pressure, temperature, methane content, density gas analyzer