

Vortex Flowmeter BROCHURE

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FS4000, FV4000
Precise and cost-effective
vortex and swirl
flow measurement

Power and productivity
for a better world™



Vortex flowmeter FV4000

Reliable, maintenance-free flow measurement

The robust vortex flowmeters FV4000 provide reliable measurement of liquid, gas and steam and are available in flange-mount and wafer-type designs. As the sensor is placed in the path of the fluid, no particle build-up or deposits affect the measurement. Due to its high measuring dynamic and accuracy and its low installation cost the wafer-type design with an insertion length of 65 mm (DIN-version) is the perfect alternative to orifice plate flowmeters.

Your benefits

- High process reliability through robust design
- Simple, cost-saving installation
- Precise saturated steam mass flow measurement with integrated temperature sensor



Vortex flowmeter

FV4000



Important information at a glance

Accuracy for liquids	± 0.75% of rate
Accuracy for gases and steam	± 1% of rate
Process connection/meter sizes	
Flange-mount design	DN 15 (1/2") – DN 300 (12")
Wafer type design	DN 25 (1") – DN 150 (6")
Media temperature	-55 °C to + 400 °C (-67 °F to 750 °F)
Media viscosity	max. 7.5 cP
Required straight pipe runs (minimum sections, depending on the installation)	
Upstream section	15x DN
Downstream section	5x DN

Flow profile in the vortex flowmeter



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