Do you want to know the flow?

The new generation of vortex sensors

- Suitable for ultrapure water, water and water-based media
- Precise measurement of flow and temperature
- Durable and robust thanks to hydrolysis-resistant plastic
- High pressure and temperature resistance

IP65

ifm – close to you!

Process connection	Nominal width	Order no.	
		Seal: FKM	Seal: EPDM
G ½"	DN6	**SV3051**	**SV3151**
G ½"	DN8	**SV4051**	**SV4151**
G ¾"	DN10	**SV5051**	**SV5151**
G ¾"	DN15	**SV6051**	**SV6151**
G 1"	DN20	**SV7051**	**SV7151**
G 1 ¼"	DN25	**SV8051**	**SV8151**

Tried-and-tested principle redesigned

New design, improved robustness and proven precision: with their inner and outer values, the new generation of Vortex sensors convinces all along the line, making the flow measurement of deionised water, drinking water or cooling water more easier than ever before.

Thanks to the new design and new materials, the number of inner seals could be minimised: housing and bluff body are made of one piece, guaranteeing high pressure and temperature resistance.

More robust against hydrolysis, pressure and temperature

The material used is characterised by high hydrolysis resistance, which has a positive effect on the service life of the device. In addition, the material is resistant to microbiological attack, which reduces the risk of legionella development, especially in cooling water circuits.

Identical installation dimensions

The installation dimensions correspond to those of the existing Vortex generation, allowing for a smooth changeover to the new generation.

Common technical data		
Outputs		1x 4…20 mA 1x Pt1000
Measuring accuracy water	[%]	Q < 50 % MEW: < 1 (MEW) Q > 50 % MEW: < 2 (MW)
Repeatability	[%]	0.2 (MEW)
Medium temperature	[°C]	-15…125
Pressure rating	[bar]	16 (to max. 90 °C)
Bursting pressure	[bar]	100 (to max. 90 °C)
Materials (wetted parts)		PPS; PPSU; FKM or EPDM
Protection rating		IP65

Q = volume flow
MW = Measuring range value
MEW = Measuring range end value

BEST FRIENDS

Temperature plug
Converts resistance values into analogue or IO-Link signals

Converter and display
Converts an analogue current signal into a digital signal

Level sensor
Continuous level detection in tanks and containers

For further technical details, please visit: ifm.com/fs/SV3051