

SIEMENS

Ingenuity for life

Process Instrumentation

SITRANS FM100

Smart and compact flow measurement

siemens.com/fm100



The SITRANS FM100 is an electronic flow meter for measuring and monitoring small and medium flows.

Benefits:

- Robust stainless steel design
- Generation of two process values because of simultaneous flow and temperature measurement
- Dosing function with external control input
- Setting menu via 4 optical buttons, easy local operation in the field with gloves possible
- Depending on the application, the display can be individually aligned in 90° steps
- Bidirectional measurement
- Integration in many standard applications possible as there are two individually configurable outputs (pulse/frequency/alarm and analog output)
- Total and partial volume counters to track flow rates
- IO-Link communication available

DASTECH




Simple, flexible flow solutions –
for more than 30 years

 **Water cooling cycle**

- Monitoring and optimization of water usage in the process
- Temperature monitoring
- Leakage detection
- Glass cooling water control

 **Automotive**

- Silicon free
- Dosing of frost protection
- Cooling of carbon fiber fabrication
- Injections for exhaust regulation

 **Dosing application**

- Flexible usage across industries
- Ideal usage in lab applications
- Injection applications for chemicals

Technical details		
Process connection sizes	Threaded G 1/2", 3/4", 1", 2"	Accessory for NPT 1/4", 1/2", 3/4", 1", 2"
Measuring range	0.03 – 350 l/min	
Process temperature	-20°C to 70°C (compact) -20°C to 140°C (remote)	
Accuracy	Flow: $\leq \pm 0.8\%$ of reading + 0.5% of full scale Temperature: $\leq \pm 2^\circ\text{C}$ (flow >0.2 m/s)	
Design	All stainless steel design (housing, electrodes, connection in 1.4404) Insulation parts PEEK	
Outputs / communication	Two configurable outputs (pulse/frequency/alarm and analogue output) IO-Link	

Interested? Please contact your local Siemens representative and check sitrans.com/fm100.



Representantes / Distribuidores Autorizados

 **Argentina**

Tel: (+54 11) 5352 2500

Email: info@dastecsrl.com.ar

Web: www.dastecsrl.com.ar

Subject to changes and errors. The information provided in this brochure contains descriptions or performance characteristics which, in case of actual use, do not always apply as described or which may change as a result of further development of the products. The desired performance characteristics are only binding if expressly agreed in the contract. Availability and technical specifications are subject to change without notice.

All product designations may be trademarks or product names of Siemens AG or supplier companies, the use of which by third parties for their own purposes may violate the rights of the owners.