

SIEMENS
Ingenuity for life

Process Instrumentation

SITRANS FM100

Smart and compact flow measurement

[siemens.com/fm100](https://www.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



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: <±0.8% of reading + 0.5% of full scale Temperature: ≤±2°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 [sitran.com/fm100](https://www.sitran.com/fm100).

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