Flow sensors SFAB now with IO-Link

FESTO

**New:
IO-Link**

Extremely communicative!

Convincing, reliable and easy to use: SFAB measures the flow rate and volume and detects the temperature. Power consumption can be optimised because you can quickly detect leakage, for example. Reliable even when a higher protection class and precision are required – for example for paint spray guns in the automotive industry. Thanks to temperature detection, you can control processes in a stable way: Deviating temperatures can indicate defective components, for example.

Highlights

- IO-Link with smart sensor profile functionality
- Reduced warehousing costs
- Quick commissioning due to replication function
- New design with optimised pushbutton haptics
- Temperature display

Now with IO-Link, as well

All measurement data is transmitted to the control system via the IO-Link communication interface. Your advantages: data storage, remote parameterisation and reduced wiring effort.

Saves costs: less warehousing

PNP or NPN? NO or NC?
0 ... 10 V, 1 ... 5 V or 4 ... 20 mA? SFAB can do everything in one device. The electrical outputs are switchable by means of software. This also facilitates warehousing, reduces costs and provides more flexibility.

Fast and safe commissioning

All settings made on one sensor can be replicated; i.e., they can be transferred to other identical sensors within seconds. Compared to manual commissioning, this is much less error-prone.

Easy to use

The new design with larger pushbuttons and intuitive menu navigation in the clear display enable simple and safe operation.

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- Monitoring using the teach-in function or by entering values
- The mass flow rate and volumetric flow rate are displayed in the common measurement units

- Switching output with adjustable volume pulse
- Switching between 3 standard conditions

- Optional security code can be freely chosen (4-digit code)
- Adjustable low-pass filter for smoothing the flow signal

- Scaling of the analogue output to the measuring range required for the relevant application
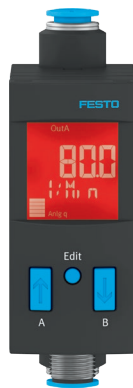- Offset compensation possible
- Min./max. value memory

Clear signals!
The blue/red colour change of the entire two-line display, which is visible from a distance, immediately shows whether everything is in order or the target range is not reached. The target range of the measured value is visualised intuitively and simply. The rotatable display ensures good readability from any position.
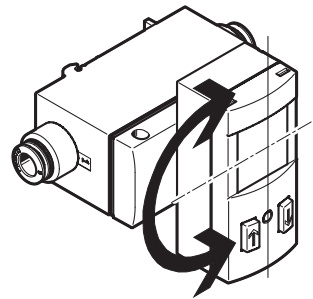
In the desired range

Not in desired range

Rotatable display for optimum reading

Technical data					
Flow measuring range [l/min]	0.1 ... 10	0.5 ... 50	2 ... 200	6 ... 600	10 ... 1000
Flow direction	Unidirectional				
Measured variable	Mass flow rate, volumetric flow rate, temperature				
Operating pressure [MPa]	0 ... 0.1				
Temperature range [ºC]	0 ... +50				
Degree of protection	IP65				
Electrical outputs	Output 1: PNP/NPN/IO-Link Output 2: PNP/NPN/0 ... 10 V/1 ... 5 V/4 ... 20 mA				
Pneumatic connections	QS6, QS8, QS10, QS12, QS1/4, QS5/16, QS3/8				
Electrical connection	M12, 4-pin				
Types of mounting	H-rail mounting, wall mounting, with through-hole/panel mounting				
Display	Rotatable				