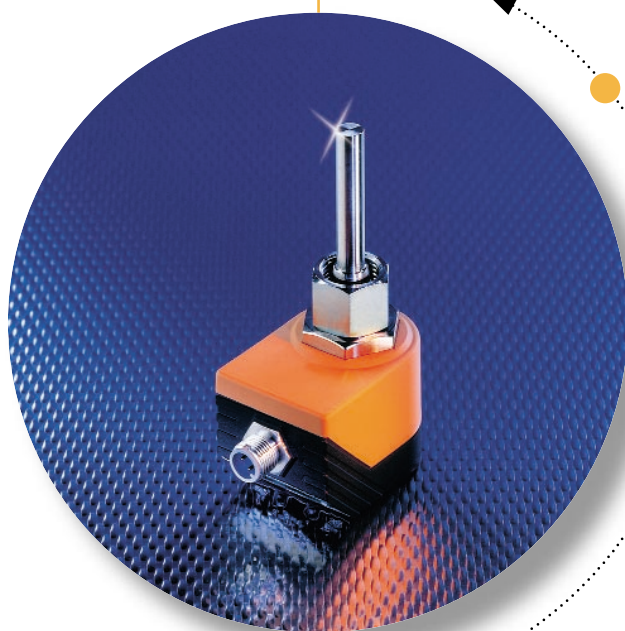
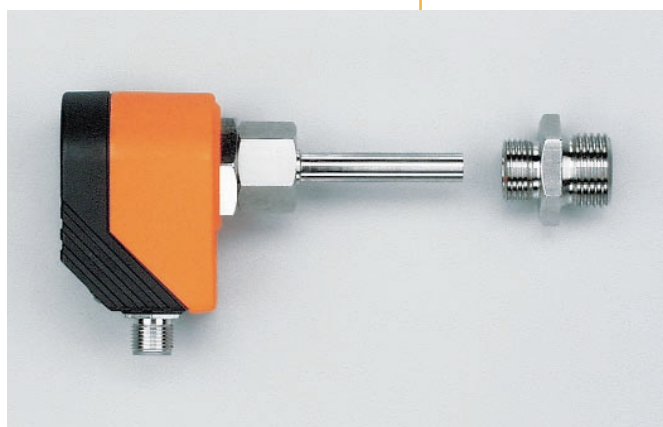
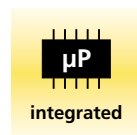


# Analog flow monitor for use in all media.

## Flow monitor SI with analog output.



- Fast installation and set-up via push-button programming.
- Sensor and fittings for variable process connections.
- Reliable flow monitoring of all media.
- Analog output 4...20 mA.
- Electronic locking of set values.



### Easy, fast and flexible mounting

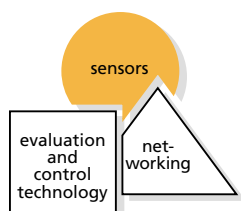
The specially designed process connection helps to reduce the usual range of parts. One sensor and a selection of process fittings which have been chosen to suit user requirements allow virtually all applications to be covered. The unit is unaffected by the orientation of the sensing face with respect to the direction of flow, also the display can be individually rotated providing increasing flexibility of installation.

### One unit with a multitude of functions

Using microprocessor technology the units are easy to handle. Simple push-button programming enables safe and fast set-up for overflow and underflow monitoring as well as the adjustment of the sensor to the flow rate. The set values can be secured by an electronic lock, providing time-saving factors in installation.


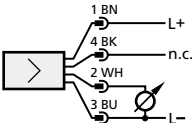
### All functions displayed at a glance

To provide a fast visual readout the unit's display indicates the current flow via a 10-digit LED bar display.



**Compact type for adapter**  
**LED bar display 10 LEDs 2 colours**  
**Analog output**

**Adjustment to flow via push-button**  
**Stainless steel sensor**  
**IP 67**

Application	Gases and liquids	
Electrical design	DC analog	
Connection		
Output	analog output 4...20 mA	
Housing material	Electronics	PBTP-GF 20
	Sensor	stainless steel (316S12)
Order no.	SI 1004	
Setting range liquids / gases	[cm/s]	3...300 / 200...3000
Greatest sensitivity liquids / gases	[cm/s]	3...60 / 200...800
Medium temperature	[°C]	-25...80
Pressure rating	[bar]	300
Response time	[s]	1...10
Operating voltage	[V]	20...36 DC
Analog output		4...20 mA. max. >23.2 mA (500Ω)
Function display	LED	10 LEDs 2 colours
Rev. polarity/overl. protection		•
Protection		IP 67
Current consumption	[mA]	<90 without load
Power-on delay time	[s]	15 (optically indicated)
Operating temperature	[°C]	-20...+80
Connection		M12 connector
Wiring diagram		

## Sockets

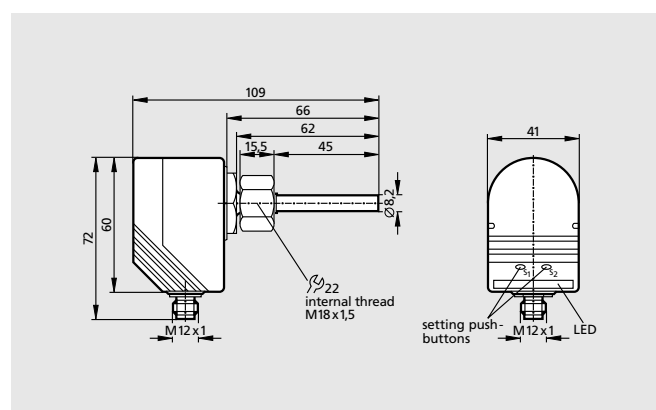
Socket type	Design	Order no.
ifm	5m (PVC), M 12 angled, without LED	E 10700
ifm	10m (PVC), M 12 angled, without LED	E 10701
ifm	5m (PVC), M 12 straight, without LED	E 10662
ifm	10m (PVC), M 12 straight, without LED	E 10663

## Accessories

For details about the accessories (to be ordered separately)  
please refer to our main catalogue

## "Fluid Sensors"

## Dimensions



Visit our website: [www.ifm-electronic.com](http://www.ifm-electronic.com)