



## Calorimetric flow sensor for liquids SW-600-...-IL(-02)

- Analog output 4(0) - 20 mA
- Two switching outputs
- Microprocessor controlled
- Programmable

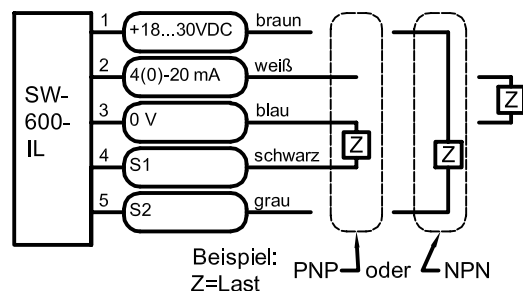
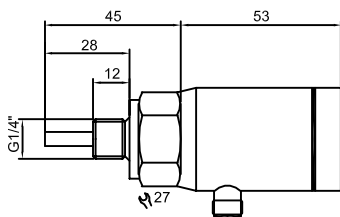
Certificate:



### Technical data

Measuring range , dependent on material	1 - 300 cm/s (H <sub>2</sub> O: 150 cm/s)	1 - 500 cm/s (H <sub>2</sub> O: 300 cm/s)
Repeat accuracy	1 %	1 %
Switching point, Hysteresis	adjustable	adjustable

Type	SW-600-G1/4"/28-IL	SW-600-G1/4"/28-IL-02
Art.-No.	544 120	544 130
Process connection	G1/4"	G1/4"
Operating voltage (U <sub>B</sub> )	18...30 V DC	
Permitted residual ripple max.	10 %	
Analog output	4(0) - 20mA, 2(0) - 10V with 500 Ohm	
Switching outputs	PNP, NPN max 300 mA in total	
No-load current (I <sub>0</sub> )	typ. 60 mA	
Response- time	typ. 2 s	
Temperature gradient	typ. 4 K/s	
Operating pressure	100 bar	
Permitted ambient temperature	0...+70°C	
Display	LCD Display (32 x 16 pixel), LED red	
Degree of protection IEC 529	IP 67	
Connection	plug-in connector M12 x 1, 5pole	
Material in contact with medium	stainless steel no. 1.4571 (VA)	
Housing	stainless steel no. 1.4504 (VA)	
Glass	mineral glass tempered	
Magnet	Cobalt Samarium	



All specifications are subject to change without notice. (03/2006)