



**Calorimetric flow sensor
for liquids
SW-600-...-IL with PTFE-coated sensor tip**

- Nonstick PTFE coating
- 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 ₂ O: 150 cm/s)
Repeat accuracy	1 %
Switching point, Hysteresis	adjustable

Type	SW-600-G1/4"/28-IL with PTFE-coated sensor tip
Art.-No.	544 121
Process connection	G1/4"
Operating voltage (U _B)	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 ₀)	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), PTFE covered
Housing	stainless steel no. 1.4504 (VA)
Glass	mineral glass tempered
Magnet	Cobalt Samarium

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

