



uniflow® SW6000 Compact Flow Monitor

Features

- No faulty control during high variation of temperature
- Easy to adjust by push buttons
- 2 measuring ranges adjustable
- Eligible indication of temperature
- Without sealing compound



Technical Data	
Operating Voltage	16 - 32 VDC inclusive permissible ripple or 30 %
No load current	typ. 60 mA
Measuring ranges	10 to 150 cm/s or 20 to 300 cm/s for water
Accuracy	± 2 % of FS for water
Analogue output	4 – 20 mA (Ri ≤ 500 Ω), (Option: 0 – 10 VDC)
Switch output	PNP, N.O./N.C., short circuit protection and protected against reverse polarity
• Setting range	15 to 150 cm/s or 30 to 300 cm/s
• Current rating	≤ 250 mA
• Voltage drop	≤ 2, 5 V
• Response time	1 – 5 sec
• Switching hysteresis	Adjustable 5 % or 10 % of FS
Switch output temperature (option)	Setting range 0°C – 79 °C incl. eligible indication of temperature
Indication	3 x 7- Segment-LED-Display monitors the flow 0 – 100 % of FS
Set point indication	Red LED
Switching elements	3 push buttons
Medium	Liquids
Medium-Temperature	0 °C to 80 °C
Ambient temperature	- 20 °C to 70 °C
Response time at temp. step	10 s at 40 K
Pressure rating	60 bar, (250 bar on request)
Mechanical connection	G 1/4 A, G1/2 A with or without of adapter
Material of sensorhead	1.4571
Material of housing	Makralon 8030
Electrical connection	M12 connector 4-wire
Protection category	IP 67
EMV -stability	IEC 801

Other versions of flow meter on request.

