

Datasheet JSW-1

Articlenumber: H530946

Flow monitor for 1"

For monitoring small and medium, non-aggressive liquid quantities in pipelines with a diameter of 1". The device does not require a supply voltage. Installation: Vertically in a horizontal pipe. Calming distance at least 5 times the pipe diameter upstream and downstream of the paddle. Installation/fastening is carried out using a G 3/8" union nut on a soldering socket (for soldering into a standard copper T-piece with 1/2" outlet) or T-piece. Not tested for drinking water. Switching point falling 13.5 ... 16.5 l/min, switching point rising 17.0 ... 20.5 l/min, switching differential 3.5 l/min. Accuracy $\pm 15\%$ of the set target value (switching values only apply when the flow monitor is installed in our T-piece. The switching values increase when copper T-pieces are used).



Ambient temperature	-20 ... 70 °C
Bearing temperature	-20 ... 70 °C
Carrier material	Ms nickel-plated
Colour	Black
Degree of contamination	2
Dimensions (W x H x D)	102 mm x 72,5 mm x 30 mm
Electric connection	Screw terminals
Function type (systems engineering)	Monitor
Housing material	Plastic
Internal setting	Yes
Max. air humidity (non-condensing)	95 % r.H.
Max. Pressure	2500000 Pa
Max. switching current	5 A
Max. switching voltage	230 VAC, 50 Hz
Medium	Fluid

Min. switching current	100 mA
Min. switching voltage	24 VAC, 50 Hz
Montage/Befestigung	Pipe mounting
Number of control ranges	1
Output signal	Switching
Paddle material	Stainless steel
Pipe dimension	1"
Potential free switching contact	Yes
Protection class	II, following appropriate mounting
Safety and EMC	In accordance with DIN EN 60730
Sensor element	Flow paddle
Surface finish	Matt
Switching contact	Two-way contact
Switching element	Microswitch
Switching power	1150 W
With explosion protection	No

