

Datasheet JSW-1/2

Articlenumber: H530944

JSW flow switch for 1/2"

For monitoring small and medium, non-aggressive liquid quantities in pipes with a diameter of 1/2". 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 5.0 ... 6.5 l/min. Switching point rising 5.5 ... 7.0 l/min. Switching differential 0.5 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	1/2"
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

