

## Datasheet JSW-1

Articlenumber: H530946

Flow monitor for 1"

For monitoring small and medium quantities of non-aggressive liquid in pipes with diameter of 1". The device does not require any supply voltage. Installation: Vertical in a horizontal pipe. Damping zone at least 5-times pipe diameter in front of and behind the paddle. Mounting/attachment: Union nut G 3/8" on soldering socket (for soldering into a standard copper T-piece with outlet 1/2") or T-piece. Not certified for drinking water.



Ambient temperature, lower value	-20 °C
Ambient temperature, upper value	70 °C
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	70 °C
Carrier material	Ms nickel-plated
Colour	Black
Degree of contamination	2
Depth	35 mm
Electric connection	Screw terminals
Function type (systems engineering)	Monitor
Height	66 mm
Housing material	Plastic
Internal setting	Yes
Max.pressure	2500000 Pa
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	5 A
Maximum switching voltage	230 V AC, 50 Hz

Medium	Fluid, not aggressive
Medium temperature	110 °C
Minimum switching current	100 mA
Minimum switching voltage	24 V AC / 50 Hz
Mounting / attachment	Pipe mounting
Number of control ranges	1
Operating voltage	None
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 properties	Matt
Switching contact	Two-way contact
Switching element	Microswitch
Switching power	1150 W
Type of protection	IP65
Width	30 mm
With explosion protection	No

