

## Datasheet JSW-1/2

Articlenumber: H530944

JSW flow monitor for 1/2"

For monitoring small and medium quantities of non-aggressive liquid in pipes with diameter of 1/2". 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	1/2"
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 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

