

Flow switch JSW

with device plug



Technical data

Housing colour:	black
Material of paddle:	stainless steel
Material of carrier:	nickel-plated brass
Ambient temperature:	-20 ... +70 °C
Permissible atmospheric humidity:	max. 95% rel. humidity, non-condensing
Max. pressure:	25 bar
Permissible medium temperature:	110 °C
Operating voltage:	none
Max. switching current:	5 A
Min. switching current:	100 mA at 24 VAC, 50 Hz
Max. switching voltage:	230 VAC, 50 Hz
Min. switching voltage:	24 VAC, 50 Hz
Switching element:	microswitch
Switching contact:	toggler, potential-free
Control function:	switches if the set value is undershot or exceeded
Electrical connection:	4-pin plug according to DIN EN 175301-803 (previously DIN 43650 - A/ISO 4400)
Mounting/attachment:	union nut G 3/8" on brazing spout (for brazing in a standard copper T-piece with outlet 1/2") or T-piece
Protection rating:	IP 65
Protection class:	II
Safety and EMC:	according to DIN EN 60730
Sensor:	flow paddle
Function type:	monitor
General features:	internal setting
Accuracy:	+/- 15% of the set value (switching values are only accurate if the flow monitor has been installed in our T-piece. If copper T-pieces are used, the switching values will increase.)

Application

Monitoring small and medium, non-aggressive quantities of liquid in pipes with small diameters 1/2" to 1".

Assembly: Vertical in a horizontal pipe. Calming path at least 5 times the pipe diameter before and after the paddle.

Not approved for drinking water applications.

Brass union nut G 3/4" with o-ring and brazing spout for brazing in a standard copper T-piece with outlet 1/2" included in the scope of delivery.

Type	Item no.	Pipe	DN	Max.	Switching point dropping*	Switching point rising	Δl/min	PG
JSW-1/2	H 530944	1/2"	15	20 l/min	5...6.5 l/min	5.5...7 l/min	0.5	III
JSW-3/4	H 530945	3/4"	20	40 l/min	7...9.5 l/min	9...11 l/min	2	III
JSW-1	H 530946	1"	25	60 l/min	13.5...16.5 l/min	17...20.5 l/min	3.5	III



T-piece (nickel-plated brass):								
T-piece 1/2"	H 530957							III
T-piece 3/4"	H 530951							III
T piece 1"	H 530953							III