

Datasheet JSF-3 E

Articlenumber: JA060500

JSF flow monitor for 1/2"

This flow monitor was specially developed to monitor the flow of liquid media. The monitor is typically used in mechanical and apparatus engineering, for monitoring oil, cooling and lubrication circuits or as a low-water safety device in sprinkler systems, heating systems, chillers and heat pumps. They are installed vertically in a horizontal pipe. The calming section must be at least 5 times the pipe diameter upstream and downstream of the paddle. The maximum flow can be considerably higher than the maximum setting value of the monitor. Not tested for drinking water. Attached T-piece made of gray cast iron.



Ambient temperature	?40 ... 85 °C
Assembly	Flow monitor, T-piece, paddle set
Bearing temperature	–40 ... 85 °C
Carrier material	Ms nickel-plated
Colour	Grey
Degree of contamination	2
Dimensions (W x H x D)	71 mm x 144 mm x 67 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	500000 Pa
Max. switching current	15 (8) A
Max. switching voltage	230 VAC, 50 Hz
Medium	Fluid

Min. switching current	150 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	I
RAL colour number (similar)	7035
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	3450 W
Test mark approval	CE, Bauartgeprüft durch TÜV
With explosion protection	No

