

Data Sheet JSF-1E

Article number: JA060100

JSF flow monitor for 1...8"

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.



Number of control ranges	1
Output signal	switching
Pipe dimension	1"...8"
Electric connection	screw terminals
With explosion protection	No
Colour	grey
RAL colour number (similar)	7035
Sensor element	flow paddle
Function type (systems engineering)	monitor

Internal setting	Yes
Bearing temperature	-45 ... 85 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic
Paddle material	stainless steel
Carrier material	Ms nickel-plated
Max. Pressure	800000 Pa
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	15 (8) A
Medium	Fluid
Min. switching voltage	24 VAC, 50 Hz
Min. switching current	150 mA
Mounting/attachment	Pipe mounting
Surface finish	matt
Test mark approval	CE, Bauartgeprüft durch TÜV
Switching element	microswitch
Switching contact	two-way contact
Potential free switching contact	Yes
Switching power	3450 W
Protection class	IP65
Protection class	I
Safety and EMC	in accordance with DIN EN 60730

Ambient temperature -40 ... 85 °C

Degree of contamination 2

Assembly Flow monitor, paddle set

Dimensions (W x H x D) 71 mm x 130 mm x 67 mm

