

Typ: JSF-1E



Art.-No.: JA060100

Features:

Flow monitor for 1...8", mechanical, adjustable, Toggler, 24-230 VAC, 15(8)A

Application:

Flow monitoring of liquid media in pipes from 1/2" to 8", for example, oil, cooling and lubricant circuits or as safety against a shortage of water.

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

The max. flow can be significantly higher than the maximum setting value of the monitor.

Not approved for drinking water applications.

Technical Data:

Dimensions of housing:	130 x 71 x 67 mm
Number of outputs:	2
Output signal:	switching
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Rated impulse voltage:	4000 V
Operating voltage:	none
Pressure:	yes

setting range:	The setting and control range depend on the pipe diameter (see the table of switching values in the assembly instructions)
Electrical connection:	Screw-type terminals
Colour of housing:	grey (lower part like RAL 7016, upper part like RAL 7035)
Sensor:	Flow paddle
Function type:	Monitors
Accuracy:	+/- 15% of the set value
Weight:	ca. 900
Hysteresis:	depends on the pipe diameter (see the table of switching values in the assembly instructions)
Internal setting:	yes
Storage temperature:	-40...85°C
Scope of supply:	Flow monitor, paddle set
Material of housing:	Plastic
Material of paddle:	Special steel
Material of carrier:	Ms
max. pressure:	8 bar
max. switching voltage:	230 VAC, 50 Hz
max. switching current:	15 (8) A
Medium:	Fluid, non-aggressive
min. switching voltage:	24 VAC, 50 Hz
min. switching current:	150 mA at 24 VAC, 50 Hz
Installation/fastening:	Assembly by means of tapered Whitworth pipe thread R1"
Surface quality:	mat
potential-free:	yes
Test mark/Approbation:	type-tested by the TÜV according to the VdTÜV circular "Flow 100" Component identification no. TÜV S. 04-016
Control function:	switches if the set value undershot or exceeded
Pipe diameter:	1...8"
Switching element:	Microswitch
Switching contact:	Changeover
Switching power:	3450 W
Degree of protection:	IP 65
Protection class:	I
Safety and EMC:	according to DIN EN 60730
Flow of liquid media:	yes
Ambient temperature up to:	85
Ambient temperature from:	-40
Degree of fouling:	II
Accessories:	spare paddle: JZ-09
permissible medium temperature:	120°C
Permissible atmospheric humidity:	max. 95% r.h., non-condensing

Circuit Diagram:

