Datasheet JSF-2 RE

Articlenumber: JA060400

JSF flow switch for 1...8", suitable for aggressive media, reduced switching values

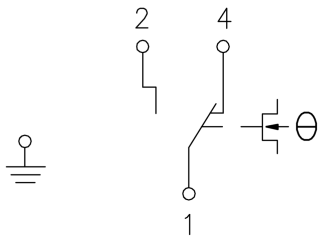
This flow monitor was specially developed to monitor the flow of liquid media. The monitor is typically used in mechanical and apparatus engineering, for monitoring oil, cooling and lubrication circuits or as a low-water safety device in sprinkler systems, heating systems, chillers and heat pumps. They 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. This device has reduced switching values and is therefore suitable for lower flow volumes. Suitable for aggressive media: All parts of the flow monitor that come into contact with the medium are made of V4A.

Ambient temperature	?40 … 85 °C
Assembly	Flow monitor, paddle set
Bearing temperature	–40 … 85 °C
Carrier material	V4A
Colour	Grey
Degree of contamination	2
Dimensions (W x H x D)	71 mm x 130 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

ALRE-IT Regeltechnik GmbH
Richard-Tauber-Damm 10
D-12277 Berlin

Telefon: +49 30 399 84- 0
Telefax: +49 30 391 70 05
E-Mail: mail@alre.de
www.alre.de

Medium	Fluid
Min. switching current	150 mA
Min. switching voltage	24 VAC, 50 Hz
Montage/Befestigung	Tapered Whitworth pipe thread R1"
Number of control ranges	1
Output signal	Switching
Paddle material	Stainless steel
Pipe dimension	1"...8"
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



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