# Data Sheet JSF-2 RE

Article number: 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.


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|---|---|
| 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 |

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|---|---|
| Function type (systems engineering) | monitor |
| Internal setting | Yes |
| Bearing temperature | –40 … 85 °C |
| Max. air humidity (non-condensing) | 95 % r.H. |
| Housing material | plastic |
| Paddle material | stainless steel |
| Carrier material | V4A |
| Max. Pressure | 500000 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 | tapered Whitworth pipe thread R1" |
| 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 |

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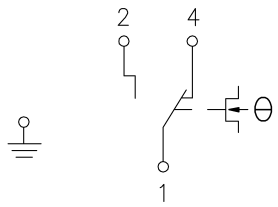
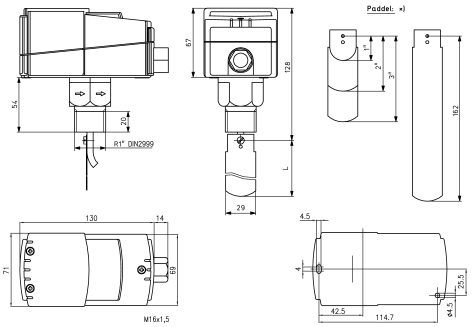
|---|---|
| Safety and EMC | in accordance with DIN EN 60730 |
| Ambient temperature | -40 … 85 °C |
| Degree of contamination | 2 |
| Assembly | Flow monitor, paddle set |
| Dimensions (W x H x D) | 71 mm x 130 mm x 67 mm |

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