



Influx SPFSi Flow Switch

The Influx SPFSi flow switch has been specifically designed for the Residential and Domestic sprinkler market.

The R&D process has involved three UK based companies, Influx Measurements, Inim Electronics (UK) Ltd and Hydrotech Fire & Mechanical.

The Influx SPFSi flow switch is a collaboration of British engineering. This flow switch has been designed and manufactured in the UK, specifically for the Residential and Domestic sprinkler market.

The integrated monitoring within the flow switch features a unique Input/Output (I/O) module, which enables full compatibility and communication with the HydroSMART Inim Sprinkler Monitoring system.

This integrated I/O module is pre-mounted on the PCB within the flow switch. This unique feature offers considerable reductions in installation time and cost savings for contractors.

The Influx SPFSi flow switch is fully compliant with BS9251:2021 and has LPCB approval in line with EN12259-5.

Product Features

- 20 bar max working pressure
- IP65 rating
- Robust metal case design
- Hinged design top plate
- Embedded screws within top plate
- Fully compatible with the HydroSMART Inim Sprinkler Monitoring system
- 304 Stainless Steel paddle
- Three separate signals can be sent for tamper, cable fault and flow
- LPCB approved in line with EN12259-5
- Pre-mounted Inim EU311 I/O module included

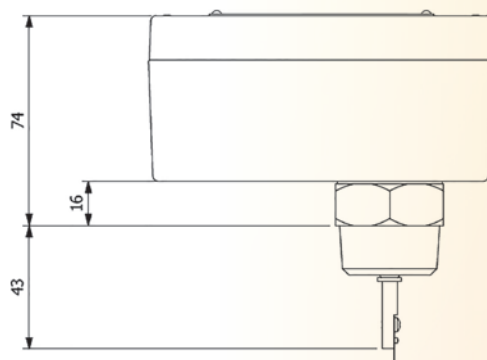
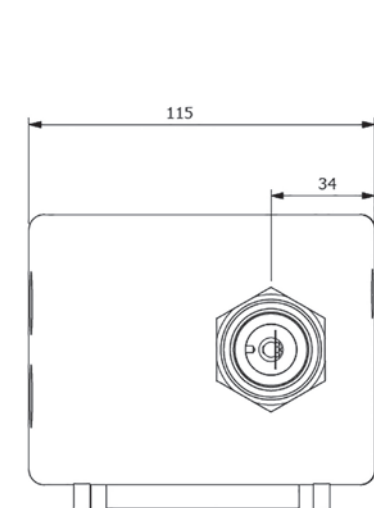
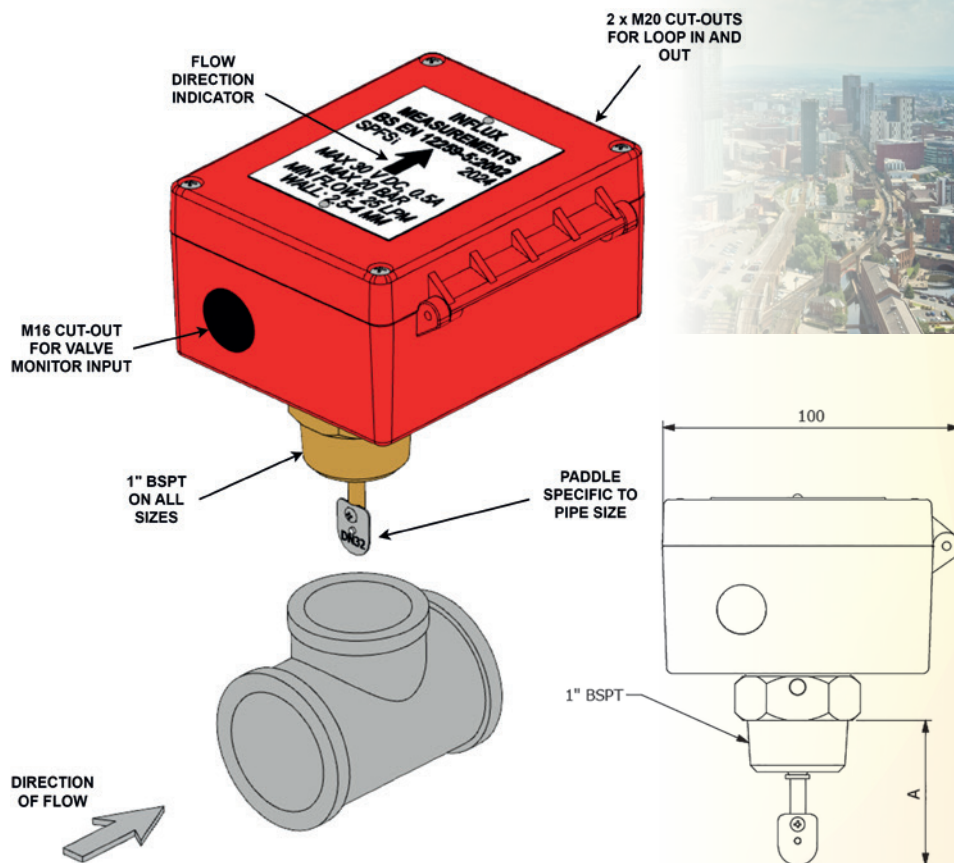
Influx SPFSi Flow Switch Specification

Max. Pressure Rating	20 bar
Operating Temperature	3...68c
Setpoint (Sensitivity)	DN25 + DN32 = 25L/min DN40 = 27L/min DN50 = 30L/min
Medium	Water
Operation	Normally Open, closes by increasing flow
Mounting Position	Horizontal or Vertical
Protection Class	IP65
Connection	Brass R1 (1" BSP Male Tapered Thread)



INFLUX
Precision. Design. Innovation.





Nominal Pipe Size (in)	A
1	44
1 1/4	50
1 1/2	59
2	65

SPFSi Electrical Specification

Electrical Connection Terminals	Screwed (24-14 AWG)
Switch Type	1 x SPST
Electrical Rating Max.	30 VDC, 0.5A
Ingress Protection	IP65 (when used with suitable cable glands)
Cable Entry	M16 inlet / 2 x M20 loop in/out



Find out more about our HydroSMART Inim Sprinkler Monitoring system.
Contact us at sales@hydrotechfire.co.uk

inim
OEM PROVIDER
RESIDENTIAL SPRINKLERS



Inim EU311 input/output module

The Inim EU311 I/O module is integrated within the flow switch and pre mounted on the PCB. This unique feature offers considerable reductions in installation time and cost savings for contractors. In removing the requirement to cable into a separate junction box for each I/O module, the contractor can simply loop in and out of each SPFSi flow switch. The EU311 I/O module is LPCB approved as a separate component and when used within the SPFSi flow switch.

SPFSi Materials of Construction

Body	Brass
Paddle	304 Stainless Steel
Enclosure	Die-cast aluminium

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