

THERMAL FLOW SWITCHES



FSW-420/30 Series
Starts at
£198



- ✓ Automatic Scaling and Setpoint
- ✓ No Moving Parts
- ✓ Pushbutton Re-Scaling if Needed
- ✓ Easy to Install

The FSW-420/30 Series monitors your relative flow rate for applications where the actual flow rate is not important. The FSW-420/30 series is easy to install and use. Just put it into the pipe and it's ready to go. The FSW-420/30 series sets your present flow-rate at 100% at power up. Relative flow rate is indicated by the 7 LED lights. When the flow rate drops to 50%, an alarm goes off. If you prefer, you can adjust the alarm point to fit your needs. A green output indicating LED is also included.

SPECIFICATIONS

Media: Liquids

Low Flow Setpoint: Pre-set to 50% (field adjustable)

Operating Temperature: -20 to 80°C (-4 to 176°F)

Response Time: 25 sec (typical)

Repeatability: 1%

Hysteresis: 10% of setpoint value typical

Range:

FSW-420 Series: 0 to 150 cm/sec

FSW-431: 0 to 2.25 L/min

FSW-432: 0 to 5.1 L/min

FSW-433: 0 to 14.1 L/min

Operating Pressure: 30 Bar (450 psi)

Protection Class: NEMA 6 (IP67)

Housing: Anodised aluminium

Sensor Material: 303 stainless steel

Tube Housing (FSW-430 series):

Polyacetal

Mounting (FSW-420 Series): ½ NPT or BSP

Connection Tube OD:

FSW-431: 6 mm (0.24")

FSW-432: 8 mm (0.31")

FSW-433: 12 mm (0.47")

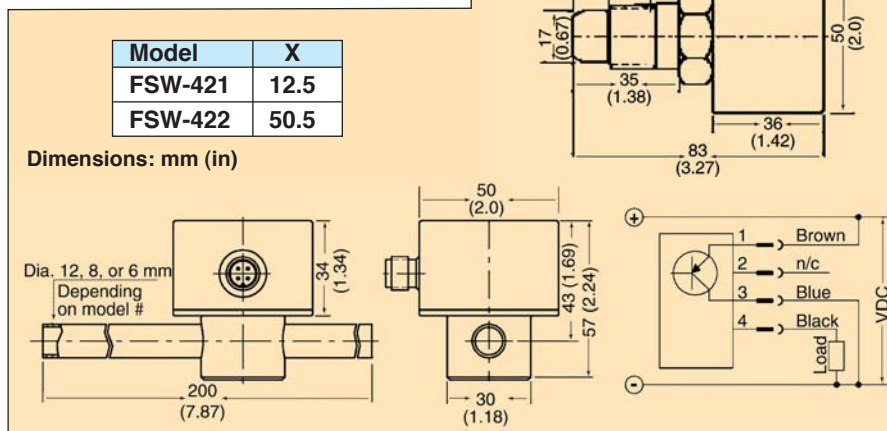
Electrical Connection: M12 male socket 4-pin, 2 m (7') cable with M12 connector and pigtail leads

FSW-422
insertion style
switch, £218.

Supply Voltage:
20 to 30 Vdc
(short circuit protected)
Switching Current:
<200 mA
Power Consumption:
6 W max
Initial Operation: 15 seconds
Output: PNP normally open
(closed with flow), normally closed
(open with flow)

Shown smaller
than actual size.

FSW-433
in-line
switch,
£198.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Description
FSW-421	£198	Insertion flow switch, standard length*
FSW-422	218	Insertion flow switch, extended length*
FSW-431	198	In-line flow switch, 6 mm tube
FSW-432	198	In-line flow switch, 8 mm tube
FSW-433	198	In-line flow switch, 12 mm tube

*For units with BSP threads, add "-BSP" to model number, no additional charge.

Accessories

Model No.	Price	Description
FSW-400-CABLE-2M	£16.75	Replacement connection cable 2 m
FSW-400-CABLE-4M	23.50	Replacement connection cable 4 m
70A-1	12	Audible alarm
ELC-PS01	27	Power supply, 24Vdc 1A. DIN rail mount
CM-4449	50	Reference Book: Valve Selection Handbook

Comes complete with 2 m pre-wired cable and operator's manual.

Ordering Examples: FSW-431, flow switch and mating connector for 6 mm tube, £198
FSW-421-BSP, insertion flow switch with 1/2" BSP thread, £198

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• Flow and Level

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