

FLOW SWITCH

FS Series - Flow Switch in Copper

FS-90/1

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Design Features

- 15mm copper pipe
- Minimal pressure drop
- Operates from a small head of water
- Horizontal or Vertical Mounting
- Suitable for water and air flow switching



Product Comments

- 15mm copper pipe
- Suitable for hot and cold portable water
- Reed Switch reliability
- Meets UL 94-HB flammability rating
- Easy installation

Typical Applications

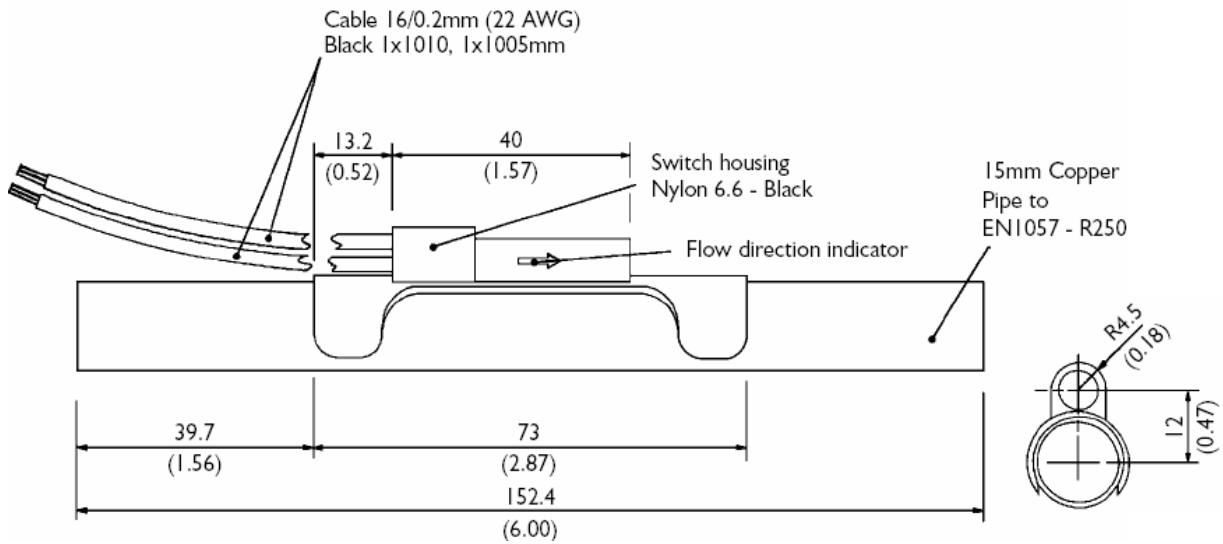
- Flow sensing
- Leak Detection
- Mains water control
- Cooling systems
- Circulating Pump Protection

Material, Design and Operation

Mounting:	Flow Switch Vertical
Material:	Copper
Fitting	Flow Switch 15mm pipe size
Contact Form:	Form A -SPST
Contact Material:	Ruthenium
Maximum Watts	15 Watts
Maximum Switching Volts:	300 VDC
Maximum Switching Current:	1.0A
Cable Type:	2 x 16/0.2mm PVC insulated 1.0M long
Cable Colour:	Black/Black
Operating Temperature Range:	85°C
Medium/Liquid:	Water
Flow Rate:	3 litres/min
Operating Pressure:	10 BAR
Mounting Shock:	50g for 11ms duration
Mounting Vibration:	35g up to 500Hz
Approvals:	Meets UL 94-HB flammability rating

Line Drawing

FS-90



Installation

- Pipework to be cut square and burr free
- Compression fitting mating connectors to be of suitable quality.
- The installation should be checked to ensure that no leaking is evident.
- Pipework/connector alignment imperative (avoiding bending stress).

Flow Rate v Pressure Drop

