



FS-90/1

FS Series Flow Sensor

Features

- Rugged high grade Noryl
- Minimum pressure drop
- Operates from a small head of water
- Mount in any axis
- Suitable for water and air flow switching

Comments

- 15mm copper pipe
- Suitable for hot and cold potable water
- Reed Switch Reliability File E125629
- Meets UL 94-HB flammability rating
- Food grade material

Applications

- Leak detection
- Flow sensing
- Mains water control
- Cooling systems
- Circulation pump protection

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Material

Housing Material	Brass
Shuttle Material	Noryl
Spring Material	Stainless Steel
Contact Material	Ruthenium
Operating Temperature °C	-30 to 85
Medium	Water
Housing Colour	Black

Mechanical Specifications

Shock	50g For A 11ms Duration
Vibration	35g up to 500Hz
Maximum Pressure	10 Bar @ 20°C
IP	IP65
Switch On Flow Rate L/min	3.0

Switching

Switch Action (Reed Switch)	SPST
Max Switching Voltage VDC	200
Max Switching Voltage VAC	250
Max Switching Current Amps	1
Max Switching Load Watt	40
Operate Mode	N/O, Close With Flow
Contact Form	A

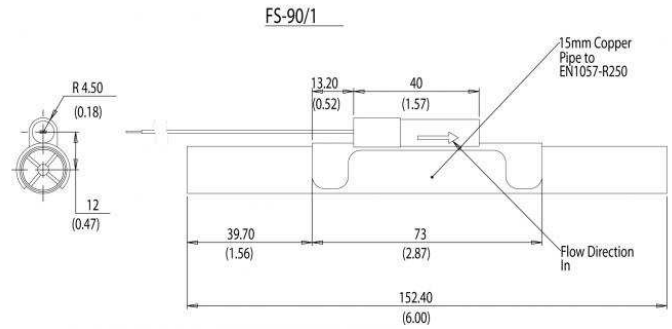
Cable

Cable Length	2 x 1.0M single insulated
Connection Type	Stripped Cables
Cable Type	16/0.2mm PVC insulated
Cable Colour	Black/Black

Mounting

Fitting	15mm Plain
Fitment	In Line
Mounting	Any Axis

Technical Drawing



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