

LIQUID FLOW SWITCHES 15mm/22mm COMPRESSION

ELF..

The ELF-15C & ELF-22C liquid flow switches are suitable for use in detecting flow in a wide range of applications ie. hot water, chilled water, drinking water, diesel oil and up to 30% glycol systems. They are normally used to monitor pump operation or switch alarms in the event of flow failure.

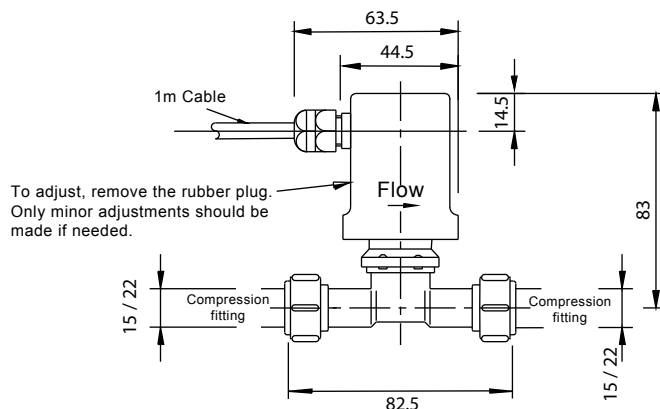


Concealed adjustment
Volt free contacts
Max. ambient 70°C
Max Media Pressure 8 bar
Enclosure Flammability = UL94-V0
Fluids must not contain dissolved or undissolved particles

Type	Suitable for pipe dia.	230VAC SPDT	Switch Point Adjustable	Media Contact Material	Connection	Media Temp °C	Enclosure
ELF-15C	15mm	15(3)A	1.5 - 3 l/min	Brass, Polypropylene	15mm Compression	+4/85	IP65
ELF-22C	22mm	15(3)A	1.5 - 3 l/min	Brass, Polypropylene	22mm Compression	+4/85	IP65

DIMENSIONS:

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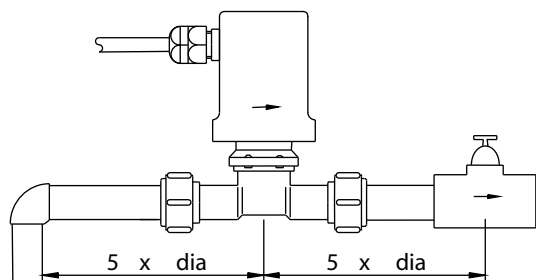
WIRING:

Brown Wire Common
Black Wire NO Normally Open
Grey Wire NC Normally Closed

Flow : C-NO close
C-NC open

No Flow : C-NC close
C-NO open

INSTALLATION:



- 1 Ensure the arrow on the housing points in the direction of flow.
- 2 Mount at any angle from vertical to 30 degrees above the horizontal. Other positions are not recommended as particles may fall into the unit and obstruct the rod from moving freely. It is recommended that a filter is installed upstream of the unit to protect against foreign particles.
- 3 Mount away from elbows, bends and other restrictions likely to cause turbulence.
- 4 Upstream-downstream of the switch should be straight for at least 5 x pipe diameter.

Ensure that the pipes / tubes are not pushed too far into the flow switch connections as this can restrict the paddle from moving freely and affecting the correct switching operation.

If adjustment is required, do not over-adjust as this may result in the switch failing to return.

Before installing, push the paddle and allow it to return slowly, the switch should operate.