

## LIQUID FLOW SWITCHES 15mm/22mm COMPRESSION

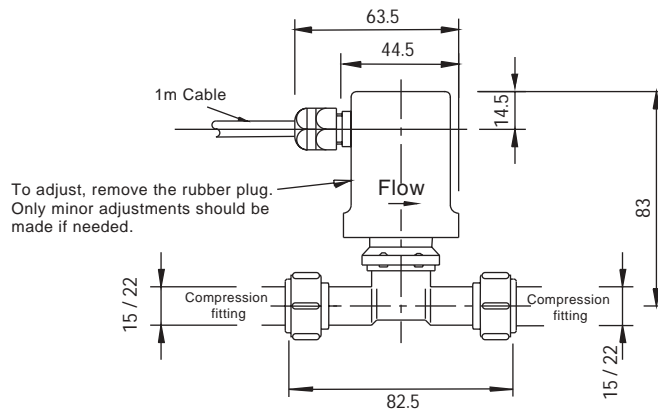
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<p>■ The ELF-15C &amp; ELF-22C liquid flow switches are suitable for use in detecting flow in a wide range of applications ie. hot water, chilled water, drinking water, diesel oil and up to 30% glycol systems. They are normally used to monitor pump operation or switch alarms in the event of flow failure.</p>		<p>Concealed adjustment              Volt free contacts              Max. ambient 70°C              Max Media Pressure 8 bar              Enclosure Flammability = UL94-V0</p>
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Type	Suitable for pipe dia.	230VAC SPDT	Switch Point Adjustable	Media Contact Material	Connection	Media Temp °C	Enclosure
<b>ELF-15C</b>	15mm	15(3)A	1.5 - 3 l/min	Brass, Polypropylene	15mm Compression	+4/85	IP65
<b>ELF-22C</b>	22mm	15(3)A	1.5 - 3 l/min	Brass, Polypropylene	22mm Compression	+4/85	IP65

**DIMENSIONS:**

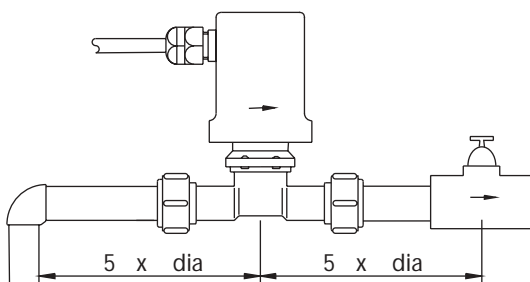
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**WIRING:**

<b>Brown Wire</b>	Common
<b>Black Wire</b>	NO Normally Open
<b>Grey Wire</b>	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.

**CAUTION:** These products may be connected to 230VAC supply. Isolate device from electrical supply before wiring. Observe design limits of temperatures and pressures.

Device should be checked by a qualified technician before applying any voltage. Observe all relevant safety precautions, wiring/earthing regulations and electrical ratings. Ensure electrical entry hole is completely sealed for all IP65/weatherproof models.

Check for leaks and correct operation. If failure of the device can cause damage a safety backup control should be fitted.

All data is for guidance purposes only, subject to change without prior notice and not guaranteed to be absolutely correct unless confirmed by us in writing.

