

Elixir -1

Microprocessor based
Fluidofork Liquid Level Switch Model (MPSLF)

*Low power
Consumption*

*Suitable for Liquids
up to 10000 cP*

*Suitable
up to 200°C*

Self Checking

- *System Fault Alarm*
- *Fork Erosion Alarm*

Very Compact

Universal Power Supply



Sapcon Instruments (P) Ltd.

Growm ... To Meet Challenges

Elixir -1

Microprocessor based Fluidofork Liquid Level Switch Model (MPSLF) for indicating an empty tank to avoid production stoppage for switching of pumps, when the vessel is full to avoid overflow

Elixir caters:

- v Pharmaceuticals
- v Bulk Drugs
- v Chemicals
- v Petrochemicals
- v Pesticides
- v Textile
- v Food
- v Cosmetics
- v Confectionery
- v Edible Oil
- v Brewery
- v Distillery
- v Dairy
- v FMCG
- v Packaging
- v Utility
- v Paper
- v Sugar
- v Power
- v Paint

To your Convenience

1. Supply and Output options:

- w 20 to 260 V AC with one SPDT potential free relay contact rated 5A at 230V AC (non-inductive loads).
- w 10 to 55 V DC with one SPDT potential free relay contact.
- w 10 to 55 V DC with PNP open collector transistor output
- w 2-wire loop powered with 8 / 16mA signal output

2. Probe Length : 100 mm to 3000 mm

3. Mounting Arrangement :

- Y Threaded: BSP / NPT / DIN (1" and above)
- Y Flanged : ASA / ANSI / JIS / DIN (1-1/2" and above)
- Y Tri-clover: Various Sizes
- Y SMS Union: For Dairy / Hygienic Application

4. Flameproof Version ...available

5. High Temperature (Up to 200 °C)



The next generation of Fluidofork 'ELIXIR' uses the **RISC Core Micro-controller technology** which makes it **reliable & more accurate** for level detection of any liquid or slurry (even highly viscous up to 10,000 cP). It has the following features:

- * **Very compact**
- * **Fork is single piece in cast stainless steel**
- * **Universal Power Supply**
- * Multi-function bi-coloured LED.
- * **Low Power consumption.**
- * On & Off Time Delay, Fail-Safe mode programmable via DIP switches and one push button switch.
- * **Self-checking** System fault alarm, Fork erosion alarm.
- * **EMC & RFI protected** using Noise Filters.



Grown ... To Meet Challenges

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