

QUICK START

VIBRATING FORK LEVEL LIMIT SWITCH

Operation Manual -SLM SQUARE (330/630)

CONNECTION:

Connection controls are accessible after opening the evaluation unit cover.

- Connect the wires as shown in the diagram.
- Throw the fail safe switch to 'HI' position.

90 to 265 VAC or 24 VAC			Relay			PIEZO CONNECTION		
L	N	E	P	NO	NC	R	B	W
1	2	3	4	5	6	10	11	12

Contact shown is for Normal i.e. for Green led glows in Fail safe high

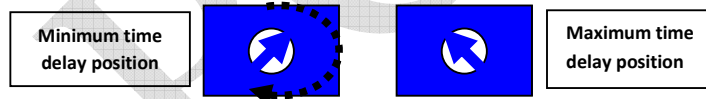
630 Model comprises 2 relays.

CALIBRATION:

The instrument is factory set to cover most of the commonly available service materials and needs no calibration at site.

TIME DELAY SETTING:

Time delay means that change in relay contacts after even the material touches the probe Covered delay (alarm condition) or leaves the probe Uncovered delay (normal condition) with some time i.e.; 3 to 25 sec adjustable with the pair of potentiometer by rotating those in clock-wise direction 0 to 360 degree single turn only.



PRECAUTIONS:

- Ensure that material size is not greater than **10mm**.
- Do not lift the instrument by holding the tines.
- Ensure that tines of the fork are not bent or their dimensions altered during Installation.
- Weatherproof ness of enclosure is guaranteed only, if the cover is in place & cable glands are adequately tightened.
- The tines should extend far enough into the vessel, so that they are free to vibrate despite build-up from the vessel

TROUBLE SHOOTING:

Sr. No	SYMPTOMS	CAUSE	REMEDY
1	No LED glows.	Power supply failure	Check mains voltage & connections
2	Fork not vibrating	A. Piezo connection discontinuous B. Piezo elements faulty	Check cable & connection
3	No change over	Relay output problem	Checks relay contacts.

For any query call us on - 0731 – 4757575, 2475751-52-53; 4082751, 4085751

For further information see our instruction manual.