

... *the level & gas people*

ISO-9001 : 2008 CERTIFIED COMPANY

## CONDUCTIVITY LEVEL SWITCH (SERIES-2100)

### SALIENT FEATURES

- No moving parts, free from maintenance.
- **ECONOMICAL** to install. No special cable required for signal transmission,
- Long cable connection permissible between probe and evaluation unit.
- AC on probes for prevention of electrolytic deterioration of electrodes.
- Low voltage on probe for operational safety.
- Variety of control functions and installation system available, beside single point switching.
- 2 point action for automatic pump control.
- 2 point independent switching.
- 3 point switching , two points with pump control logic and one independent point.
- 4 point switching having two -pump control logic.
- Variety of probes available for various process conditions.
- Multichannel - 4 point independent switching available for various process conditions.



### TECHNICAL SPECIFICATIONS

#### SWITCHING UNIT :

Housing.....	Aluminum for back panel mounting/DIN Rail mounting
Cable entry.....	2 nos. 1/2"NPT
Ambient temperature.....	0°C to +60°C
Power consumption.....	1.9 VA
Mains Voltage.....	230/110 VAC (+/-15%) 50 Hz or 24 V dc
Output.....	1 set of potential free contacts rated at 10 amps, 250 V AC for non -inductive loads.
Safety operation.....	Field selected switch for Minimum or Maximum (FSL/FSH) switching points.
Switch status display.....	Green LED shows Normal, Red LED Shows alarm.
Response Time.....	0.5 Sec

#### PROBE

Housing.....	Cast Aluminum.
Mounting.....	Screwed - 1/2" BSP or Flanged
Sensor Rod.....	Stainless steel
Insulation.....	PTFE ( standard) Others on request and as per application.
Operating Temp.....	200°C max in vessel
Voltage on the Probe.....	12 V AC max. (Across probe & tank wall)
Current.....	< 3 mA (between probe & tank wall through liquid)

