

**Level Switch - Capacitance****FLEXI****FEATURES**

- Continuous level control
- Suitable for water, oils & acids
- 4-20mA output
- 4 x adjustable switch-points
- No moving parts
- For tanks up to 3m deep
- Unaffected by Pressure or Vacuum
- Flexible Desugn...Control unit interfaces with any two-wire loop powered transmitter

**Technical data - Flexilevel Control Unit**

Input Signal	In the range of 0 - 25mA (e.g. 4-20mA)
Supply Voltage	110/230v AC, 50/60Hz, factory set
Power Consumption	10 watts
Outputs	Analogue:- 0-10mA/ 0-20mA/ 4-20mA factory set into 600 ohms max. Control/Alarm:- 4 x volt free c/o contacts rated 5A @ 240v AC resistive, each adjustable from 0-100% of output 1% fixed differential
Field Transmitter Supply	Nominal 24v DC. max. 25mA
Display	DIN size panel meter, scaled 0-100% (special scale to order) 4 x Red LED's indicating relay status 1 x Green LED indicating power on
Enclosure	Impact resistant plastic, IP55 rated

**NOTE:** *Please see page 2: for details on FLEXICAP Level Transmitter*

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**Level Switch - Capacitance****FLEXI****Cont. from page 1****FLEXICAP Level Transmitter**

The Flexicap Level Transmitter comprises of an electrode and a plug-in electronic module mounted within the terminating head is powered directly from the control unit. As the level in the vessel changes the corresponding change in electrical capacitance is converted into an analogue milliamp signal by the transmitter, which in turn is amplified and scaled within the control unit to provide a 4-20mA signal.

<b>Technical data - Flexicap Level Transmitter</b>	
Insertion Length	Rigid electrodes up to 3,000mm (for greater depths a cable electrode is available)
Process Connection	1" BSP standard, other process threads and flange connections to order
Process Temperature	100°C max.
Ambient Temperature	-20°C to +60°C
Process Pressure	300 p.s.i. (20°C)
Electrode Types	Fully insulated (metal rod or cable with insulating coating) Concentric tube electrode for all non-conductive products
Electrode Material	316 stainless steel standard ( monel, titanium etc to order)
Electrode Insulation	Polypropylene standard (PTFE etc to order)
Termination Housing	Injection moulded in blue polypropylene to IP65 (other housing materials to order)
Electrical Connection	Screw terminals, use 2-core screened cable

**NOTE:** Please call our technical department for any technical queries on Tel: 01892 664499

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