



**Modular Continuous
Capacitance Level Sensor
CLM1 - NDP1/INS**

The CLM1 continuous level module and associated PVC insulated NDP1/INS probe head provide a reliable means of continuous liquid level monitoring for water tanks etc. The standard CLM1 provides a 0-1mA output suitable for use with commercially available 1mA FSD meters. A version is available providing a 4-20mA output, if required.

A second control module (TLM3) can also be used which provides two independent switched relay outputs. Controls on the module allow each switching point to be selected anywhere between empty and full.

More than one TLM3 can be connected to a single CLM1 to provide

multiple switching points. (Up to 20 TLM3 modules can be connected to a single CLM1 to give 40 trip points).

The NDP1/INS probe head is encapsulated to withstand vibration and can be mounted up to 200 metres from the control module. Connections are made using ordinary cable. Screened cable is unnecessary.

- * **0-1mA or 4-20mA Output**
- * **Optional relay output module with selectable switching level**
- * **Plug in control modules**

SPECIFICATION

Supply	Control Modules CLM1 & TLM3: 110/230V ac (other ac voltages to order) Probe head NDP1/INS: supplied via CLM1 module.
Supply Tolerance	-15 to +7% about nominal
Output	CLM1 module: 0-1mA as standard with 0-10V output to feed TLM3. 4-20mA option available on request. TLM3 Module: 2 sets of s.p.c.o. volt free relay contacts. Switching at customer set points.
Enclosure	NDP1/INS: Alloy probe head with Stainless steel mounting thread and PVC insulator assembly.
I.P. Rating	Probe head: IP66. Control Modules: IP40.
Connections	Modules plug into international 11 pin relay base. Connections between probehead and modules in ordinary unscreened cable
Weight	CLM1-315 Grammes. TLM3 module-375 Grammes. NDP1/INS 30mm-1.5Kg. 1Mtr-2.5Kg. 2Mtr-4.0Kg.

HOW TO ORDER:-

Specify **CLM1** control module, with 0-1mA or 4-20mA output, plus **NDP1/INS** (State probe length) for switched output facility, specify **with TLM3**

(Note: CLM1 & TLM3 require 11 pin relay base for connections, see accessories section D7000).

CONNECTIONS

