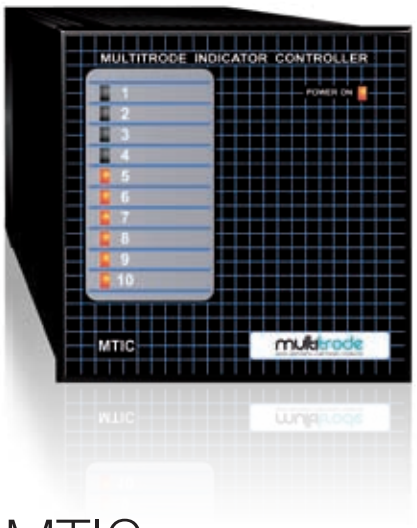

MTIC

Connect the MultiTrode probe to a PLC/RTU – or provide independent control.

The MTIC Indicator Controller provides continuous level indication and pump control from the MultiTrode probe.

The 4-20mA output allows the probe to be connected to a PLC or dedicated pump controller system. The 10 Digital Outputs (one for each probe input) provide a mechanism for simple pump control without any other control device.

- 4-20mA output.
- 10 digital outputs.
- Bargraph for level indication.
- Control up to 3 pumps.

MTIC SPECIFICATIONS

MODE OF OPERATION:	
Mode	Fill or Empty (Charge or Discharge)
PROBE INPUTS:	
Sensor Inputs	10
Sensor Voltage	10VAC Nominal
Sensor Current	0.8mA max (per sensor)
Sensitivity	1k, 4k, 20k, 80k Ohms
RELAY OUTPUTS:	
Selectable Delays	0, 5, 10, 15 sec
Relay contact rating	250VAC 5A Resistive, 2A Inductive
Relay contact life	10^5 Operations
Terminal size	2 x 2 x 13 AWG / 2.5mm^2
ANALOG OUTPUT:	
Analog	4-20mA RLoad < 940 Ohms
DISPLAY:	
LEDs	10 LED bargraph & Power On
PHYSICAL PRODUCT:	
Dimensions	3.78"H x 3.78"W x 5.12"D (inches) 96H x 96W x 130D (mm)
Mounting	Panel mounted through cut-out (brackets supplied)
Enclosure	Extruded alumium
POWER SUPPLY:	
Supply Voltage AC	MTIC2 240V, 50/60Hz MTIC3 110V, 50/60Hz
Power Consumption	16VA max.
Supply Voltage DC	MTIC5 24V MTIC6 12V
Power Consumption	10W max.
ENVIRONMENTAL RANGE:	
Operating Temp.	-10°C to +60°C (+14°F to 140°F)
Humidity	90% non condensing
RECOMMENDED PROBE	**10-SENSOR PROBE**