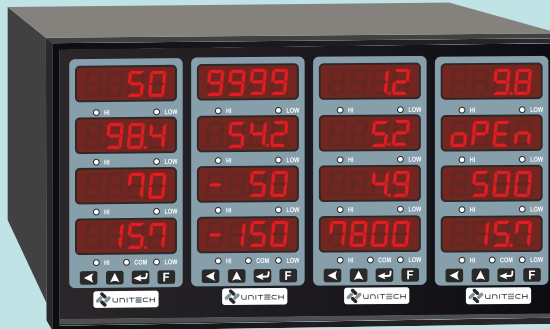


MULTICHANNEL PROCESS INDICATOR & CONTROLLER



4 Channel



16 Channel



8 Channel



12 Channel

Available Channel : 4, 8, 12, 16, 20, 24

On line Data Logging Software Available for all Indicator

FEATURE

- ✦ Microprocessor Based Powerful & Highly Reliable Process Display.
- ✦ 4, 8, 12, 16, 24 Channel Display With Data Logger Available.
- ✦ All Input Are Universal Like T/C, RTD Linear Selection.
- ✦ All Input Are Universal Like T/C, RTD Linear Selection.
- ✦ 0.1 % Accuracy Of FSD.
- ✦ All Channels Are Fully Isolated.
- ✦ All Configurations And Calibration From Front Panel Keypad.
- ✦ High Speed Serial RS-232 / 485 Comm. For On Line Data Logging.
- ✦ Transmitter Loop Power Supply With Current Limit As Standard.
- ✦ Power Supply :230 V/110 V AC. Or 24 V/12 V DC.
- ✦ Optional GSM Mobile Connectivity.



8 Channel Flameproof



Flame Proof- 8 ch.



Flame Proof- 4 ch.

APPLICATION

- ✦ Temperature And Humidity Mapping & Validation.
- ✦ Gas Detection & Environmental Data Monitoring.
- ✦ Data Acquisition And Control Application.
- ✦ RTU & Remote IO For PLC/DCS.



IP-55/65 Housing

MULTICHANNEL PROCESS INDICATOR & CONTROLLER

TECHNICAL SPECIFICATION

INPUT	Input Type For 4,8,12,16 Channel Instruments	T/C	K, J, R, S, E, N, T
		RTD	PT-100, Cu53 (2wire & 3 wire)
		Current	0 ~ 20mA DC, 4*20mA DC
		Voltage	0-5V,1-5V, 0.5 -2.5V,0- 10 V DC
	Transmitter Power Supply	24 V DC @ 30 mA Max, Isolated From I/P & O/P	
Cold Junction Comp. & Sensor Break Ind.		Software Base Automatic	
OUTPUT	Range Limits	As Per Input Range Table	
	Accuracy	+/- 0.1 % of Span For Linear & RTD, +/-0.25 % For T/C	
	Input Impedance	>330 K for Voltage ,mV, and T/C, 100 R for Current	
INDICATION	Indication	4, 8, 12,16 Indicator Seven Segment All Chanel Are Independent 4 Digit.	
	Status Indication	LEDs For Relay Status & Communication	
	Alarm Modes	Very Low/Low/High/Very High	
Flame Proof	Gas Group	I, IIA , IIB, IIC, as per IS 2148/1981 -	
	Enclose Certification	Enclosure Is Certified By C.M.R.I., Dhanbad & CCOE	
	Relay Output	NO - C - NC Contacts , 5A @ 240 V AC Resistive	
	SSR Output	1 / 2 / 3 / 4 Relays / SSR output per channel relay.	
	Transmitter Power	24 V DC @ 20 mA ,12 V DC @ 20 mA DC	
COMMUNICATION	Communication Protocol & Method	Modbus RTU RS- 485/ Ethernet TCP-IP & Wi-Fi , Bluetooth , USB	
	Programmable Parameter & Max No.	Baud rate,Parity , Node address , Stop bit & 0-256 unit IP Add	
	Wireless Communication	RF 2 KM / GPRS base mobile(sms) Communication	
PROGRAMMABLE PARAMETERS	Setpoint / High Scale / Low Scale/ Node Id	Full range as per input selection	
	Relay Logic	F.S. High & Low alarm, Dead band alarm	
	Display Resolution	-1999 to 9999 Fully Configurable For Linear Input	
	Programming Of Parameters	Touch Screen. Or Through 5 To tactile keys	
OTHER	Dimensions & Mounting	As Per Box Selection & Wall/Structure 2/2 Holes	
	(A) Supply Voltage (B) Power Consumption	(A) 110/230 AC/24VDC, 50/60 Hz (B) 4 Watts Maximum	
	Operating Ambient Temperature And Humidity	0~50 °C , and humidity : Below 90%, non condensing	

ORDERING INFORMATION :

UT-30	1	2	3	4	5	4
Channel	Input	Ctrl O/p	Housing	Communication	Power	
4 ch	04 Universal U	None N	Panel Mount P	RS232 N	230 V AC 1	
8 ch	08 TC T	1 Relay per Ch. R	Weather Proof w	RS485- Modbus 4	110 V AC 2	
16 ch	16 RTD PT			Wireless RF(1 KM) 3	24 V DC 3	
20 ch	20 Linear L			GPRS /GSM 2		
24 ch	24 Special S			Ethernet 1		