

LARGE DISPLAY INDICATOR

Available Display Size 2"/4"/6"/8"/12"/16".



Dis. Size-2 Inch, 4 Inch , 6 Inch.



2 Inch, 4 Inch Panel Mounted.



Dis size -2, 4 inch. FlameProof.



Display Size - 2/4/8 Inch.



FEATURE

- + Large Display Size 2"/4"/6"/8"/12"/16" Available.
- + Large Display Size For Easy Viewing From A Distance.
- + IP-55 And IP-65 Housing Available.
- + Hanging /Rack/Wall/Panel Mounting Options.
- + Microprocessor Based Power, Full & Highly Reliable Controller.
- + Universal Input T/C, RTD, Linear Input Selection.
- + 0.1% Accuracy Of FSD.
- + Potential Free Relay Contact Output Up To 1 / 2 / 3 / 4.
- + All Configurations And Calibration From Front Panel Keypad.
- + Highly Communicative Serial Interface Facility (RS-232/485).
- + Power Supply :230 V/110 V AC Or 24 V/12 V DC.
- + Optional GSM Mobile Connectivity.
- + Fully Password Protected Operation.

APPLICATION

- + Large Size Indoor Outdoor Application.
- + Long Distance Viewing.
- + Online Application In Different Industries.
- + Pharmaceuticals Room Temp +Rh Display.
- + Oven, Boilers And Furnace Control Application.
- + Casting & Process Line Industry.



5 digit Indicator



Dual channel Indicator

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TECHNICAL SPECIFICATION

INPUT	Input Type	T/C	K, J, R, S, E, N, T
		RTD	Pt-100, Cu53 (2Wire & 3 Wire)
		Current	0 - 20 mA DC, 4- 20 mA DC
		Voltage	0 - 5 V / 1 - 5 V / 0.5 -2.5V / 0 - 10 V DC
		Special on demand	0-75/200 mV & 0-1/10V/100/300 V AC/DC
		Resistance	0-500 R , 0-1/5/10 K, 1M or 0-75/200 mV 0-100/300 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	
	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	PV & SV For UT 102 & PV For UT101- LED 4 Digit 7 Segment Display	
	Status Indication	LEDs For Relay Status & Communication	
	Alarm Modes	Very Low/Low/High/very High	
CONTROL MODE	On / Off Control	Relay / SSR	
	Dead Band Controls	High and Low Set Point For Level Application	
OUTPUT	Relay Output	NO - C - NC Contacts , 5 A @ 240 V AC Resistive	
	SSR Output	1 / 2 / 3 / 4 Relays / SSR Output	
	Transmitter Power	24 V DC @ 20 mA, 12 V DC @ 20 mA	
	Re-Transmission Current & Voltage Output	0~20/ 4~20 mA, 0~ 5 V , 0~ 10 V , 1~ 5V DC, Fully 3 Port Isolated	
COMMUNICATION	Communication Protocol & Method	Modbus RTU RS- 485/RS- 232 Communication	
	Programmable Parameter & Max No.	Baud Rate, Parity, Node Address, Stop Bit & 0-256 Unit	
	Wireless Communication	GSM / GPRS base Mobile(SMS) Communication	
PROGRAMMABLE PARAMETER	Set Point / Hysteresis / High Scale / Low Scale	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	
	Parameter Programming	Through 4 Tactile Keys	
OTHER	Dimension & Mounting	As Per Box Selection & Wall/Structure 2/2 Holes	
	(A) Supply Voltage (B) Power Consumption	(A) 110/230 V AC / 24 V DC, 50/60 Hz (B) 4 Watts Maximum	
	Operating Ambient Temperature And Humidity	Temp. 0 - 50 °C , And Humidity: Below 90% Non Condensing	

ORDERING INFORMATION

UT-180	1	2	3	4	5	6	7	8
Display	2	Mounting	Input	Ctrl. O/P	Rets. O/P	TPS	Power	Comm.
2 Inch	wall /Hanging	UNIVERSAL	None	None	12 v dc	230V AC	None	N
4 Inch	Panel Mnt.	FIX	Relay	4-20mA	24V DC	110V AC	Rs485	4
6 Inch		TYPE	SSR	0-10/5V	10V DC	24V DC	Rs232	2
8 Inch			Special	Special			GSM	1
12 Inch								
16 Inch								

Note : For Fix Input Pls. Specified input type