



Available display size : 1"/2"/ 4"/ 6"/ 8"/12"/ 16"

Available protection class IP 55/ IP 65

High bright led display for visible in direct sun light.



MAIN ADVANTAGE :

We manufacture of jumbo display in Temp., Flow , Level , Humidity, Density, Electrical parameter & pressure in 1",2",4",6", 8",12",16" (inch). These are large size jumbo displays, information display systems, production display systems specifically for distant visibility. Useful for indoor as well as outdoor applications for parameter indication clock indication, temperature and humidity indication etc.

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.
- µP Based Power, full & highly reliable controller.
- Universal Input T/C, RTD, Linear input selection.
- Potential Free Relay contact output up to 1 / 2 / 3 / 4.
- 0.1% Accuracy of FSD.
- All Configurations and calibration from front panel keypad.
- Highly communicative serial interface facility (RS 232/485).
- Power supply :230V/110V AC or 24V/12V DC.
- Optional GSM mobile connectivity.
- Fully Password Protected Operation.

APPLICATION :

- large size indoor outdoor application.
- long distance viewing.
- Pharmaceuticals Room Temp+Rh display.
- Oven, boilers and furnace control application.
- Online application in different industries.

INPUT (FOR ALL CHANNEL) :

Type	Range	Code
J	-50 to 750 °C	J
K	-50 to 1200 °C	K
R	0 to 1750 °C	R
S	0 to 1750 °C	S
T	0 to 400 °C	T
E	-50 to 500 °C	E
PT-100	-50 to 400 °C	PT-100
CU 53	-50 to 250 °C	CU 53
LINEAR	-1999 to 9999	LINEAR
SPECIAL	-1999 to 9999	SPECIAL



TECHNICAL SPECIFICATION :

➤ INPUT	Input Type	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 Special on demand : 0-75/200 mV & 0-1/10V/100/300V DC
	Transmitter power supply	0-75/200 mV 0-100/300V DC
	Cold junction comp. & Sensor break ind.	Resistance : 0-500Ω, 0-1/5/10/100 KΩ 24 V DC @ 30 mA max, isolated from I/P & O/P
	Range limits	Software base Automatic
	Accuracy	As per input range Table
	Input impedance	+/- 0.1 % of span for linear & RTD, +/- 0.25 % for T/C
	Display Indication	>330 KΩ for Voltage ,mV, and T/C , 100 Ω for current.
➤ INDICATION CONTROL MODE	Status indication	1" ,2" ,4" (7 segments block type), 6" ,8", 12" ,16" (7 segment Led type)
	On Off control	LEDs for Relay status & Communication
➤ OUTPUT	Relay / SSR	Relay / SSR
	Dead Band controls	High and Low Set point for level applications
	Relay Output	<ul style="list-style-type: none"> ● NO - C - NC Contacts , 5A@240 V AC Resistive ● 1 / 2 / 3 / 4 Relays / SSR output
	SSR Output	24VDC @ 20 mA ,12VDC @ 20 mA
➤ COMMUNICATION	Retransmission Current & Voltage outputs	0~20/ 4~20 mA, 0~5V, 0~10V, 1~5V DC, fully 3 port isolated 1.5KV
	Communication Protocol & method	Modbus RTU RS- 485/RS- 232 Communication
	Programmable parameter & Connectable number	Baud rate, Parity, Node address, Stop bit & 0-256 unit
➤ PROGRAMMABLE PARAMETERS	Wireless communication	GSM/GPRS base mobile(sms) Communication
	Setpoint / 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
➤ OTHER	Programming of parameters	Through 4 tactile keys
	Mounting	Wall mounting/ base mounting/ panel mounting and hanging type.
	Supply voltage & Power consumption	110/230 V AC, 50/60 Hz & 4 watts maximum
	Operating ambient Temperature and Humidity	• 0~50 °C • Below 90%, non condensing

ORDERING INFORMATION :

UT-18XX	1	2	3	4	5	6	7	8	9	10
DISPLAY SIZE	1	MOUNTING TYPE	INPUT TYPE	CNT. OUTPUT		RTS. OUTPUT		AUX Power	Comm.	TPS
1 - INCH 1	WALL MOUNTED W	SELECT CODE FROM INPUT TABLE - 1 FOR CALIBRATION	NONE N -	NONE N -	230VAC 1	None N	None N	None N		
2 - INCH 2	PANEL MOUNTED P		RELAY R 1•2 3•4	4-20mA C 1•2 3•4	110VAC 2	RS-232 2	24VDC 2			
4 - INCH 4	HANGING H		SSR S 1•2 3•4	0-10/5V V 1•2 3•4	24VDC 3	RS-485 4	12VDC 1			
6 - INCH 6			SPECIAL T 1	SPECIAL T 1		GSM M	10VDC 0			
8 - INCH 8										
12 - INCH 7										
16 - INCH 9										



PROCESS INDICATOR & CONTROLLERS



PID CONTROLLERS

ON/OFF INDICATOR & CONTROLLERS

LOOP POWERED INDI.

2" LARGE DISPLAY

4" LARGE DISPLAY

8" / 12" LARGE DISPLAY

Data Loggers and Scanners



32 channel Universal Data Logger

8/16 ch. Universal Data Logger

12 ch. Indicator

Analog to 485 Module

4 ch. indicator

8 ch. indicator

COMMUNICATION CONVERTORS



422/485 Signal Repeater

Ethernet To 232/485 Iso. convertor.

USB To 232/485 convertor.

USB-422/485/232 Converter

232 To 422/485 Iso. convertor.

232 to 485 convertor.

FLOW INDICATOR CUM TOTALIZER & CONTR.



Water Flow Meter

Flow Meter Electro Magnetic

Gas/Air Flow Meter

Water Flow Meter

Helical Flow Meter

Oval Gear flow Meter-Oil/ fuel

Other Product



Alarm Annunciators

pH Indi. & Sensor

Digital Pressure Gauge

T + RH Large dis.

Manual Loader

Vibrations X'Mer

Digital Temp. Gauge

Pressure X'Mer

Flp Large indicator

SIGNAL ISOLATOR & TRANSMITTERS



Signal Isolator-4 ch. output

Signal Isolator-up to 1 & 2 ch. output

Uni. Temp. Transmitter

Signal Isolator-2 ch. output

Uni. Temp. Transmitter

Power Transducer

FLAME PROOF INDICATOR AND PANELS



Flame proof Indi. Contr.

4 ch. Indicator Flame proof

FLP T + RH + DP Indi.

FLP Precess Controller

8 ch. Indicator Flame proof

FLP Temp. Transmitter

FLP Indi.

FLP alarm Annunciator

PROCESS INDICATOR & CONTROLLERS



Flow Indicator Totalizer

Flow Indicator Totalizer

LED Display- FIT

Batch controller & Totalizer

Mass Flow Totalizer (Steam/ GAS)

Loop Powered Totalizer

CLEAN ROOM INSTRUMENTS- PHARMA



Temp. + Humidity + Dp and Time indicator

DP Transmitter & Indi.

Portable Indicator T RH DP

T RH DP TIME - TOUCH SCREEN

Temp. + RH Transmitter

Master Slave clock

Wired and Wireless