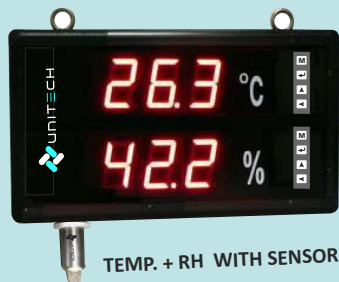


UT-1803

LARGE TEMP.+HUMIDITY INDICATOR

LARGE TEMP.+HUMIDITY+TIME INDICATOR



TEMP. + RH WITH SENSOR



TEMP. + RH + REAL TIME WITH SENSOR

- Communication- RS-485 / Ethernet TCP/IP / GPRS.

- DISPLAY SIZE : 2"/4"/6"/8"/12"/16"

FEATURE

- ★ Large Display Size 2"/4"/6"/8"/12"/16" Available.
- ★ Large Display Size For Easy Viewing From A Distance.
- ★ Hanging /Rack/Wall/Panel Mounting Options With IP Protection.
- ★ Micro Controller Based Indicator With Inbuilt Temp.+ RH Sensor.
- ★ Measurement In Single Enclosure.
- ★ All Channel Are Programmable Ranges And Unit (Through Front Key Pad).
- ★ Incorporates Highly Stable Built-In Temp.+ RH Sensor.
- ★ Different Size Of Display For Displaying RH & Temperature And 4 Digit For Time.
- ★ Process Parameter High And Low LED Status Indication For All Three Channels.
- ★ MODBUS RTU Multi Drop RS-485 Serial Communication For PLC, SCADA Etc.
- ★ Password Protection For Calibration And Programming Mode.
- ★ Software Calibration For 3 Channels.
- ★ Programmable Device Address, Baud Rate, Parity And Stop Bit.
- ★ Local Programming Facility For Real Time With Battery Backup.
- ★ User Programmable Offset Correction.
- ★ Brick/Wall Mounting And Panel Mounting Enclosure With IP Protection.
- ★ Optional GSM Mobile Connectivity.

APPLICATION

- ★ Large Size Indoor Outdoor Application.
- ★ Long Distance Viewing.
- ★ Pharmaceuticals Room Temp + RH + Time Display.
- ★ Pharma Environments Monitoring Application.
- ★ Online Application In Different Industries.



UT-1803

LARGE TEMP.+HUMIDITY INDICATOR LARGE TEMP.+HUMIDITY+TIME INDICATOR



TECHNICAL SPECIFICATION

INPUT	Nos. Of Input	1-(Temp + Rh) , 2-(Temp.+Rh+Real Time)
	Temperature Input	Integral Or Remote (External:4-20 mA DC Or 0-10 V DC /RTD PT-100)
	Humidity Input	Integral Or Remote (External:4-20 MA Or 0-10 V DC)
	Transmitter Power Supply	24V/5 V DC @ 30 mA Max, Isolated From I/P & O/P
INDICATION	Temperature	Channel-1 : 3 Digit Seven Segments 1"/2"/4"/6"/12"" Display.
	Humidity	Channel-2 : 3 Digit Seven Segments 1"/2"/4"/6"/12"/16" Display.
	Time	Channel-3 : 4 Digit Seven Segments 1"/2"/4"/6"/12"/16" Display.
RANGE	Temperature	0 To 60.0 *C With Decimal Point.
	Humidity	0 To 99.9 % With Decimal Point.
	Time	Hour : Minute 12 Or 24 Hour Formats 00:00
	Display Resolution	0.1 For Temp. & Rh
ACCURACY	Temperature	0.25 % On FS Response Time : 8 Sec
	Humidity	2.5 % For 10 To 90 % RH Rest Of 3% Response Time : 4 Sec
	Time	0.01 % Response Time : 1 Sec
COMMUNICATION	Communication Protocol	Modbus RTU RS- 485 Isolated Communication.
	Programmable Parameter	Baud Rate , Parity , Node Address , Stop Bit.(Minute And Hour)
	No. Of Slave ID	Read: Process Value ,Decimal Point Write: High Low Set Point
	Read /Write Parameter	Total 1-256 Unit
PROGRAMMABLE PARAMETER	Set Point / High Scale / Low Scale/Time(MM+HH)	Full Range As Per Input Selection
	Programming Of Parameters	Through 4 Tactile Keys (With Password Protection)
	Alarm Logic	Full Scale High Or Full Scale Low
OTHER	Mounting	Bricks And Modules Wall Flush Panel Mounting
	Enclosure MOC	MS Powder Coated Enclosure
	Supply Voltage & Power Consumption	230 V DC & As Per On Display Size
	Operating Ambient Temperature And Humidity	Temp: 0~60 °C Humidity: Below 90%, Non Condensing

ORDERING INFORMATION

UT-180											
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Display		Display Size		Mounting Type		Sensor		AUX. Power		Comm.	
TEMP. + RH	2	1 INCH	1	WALL MOUNTED	W	WITHOUT SENSOR	W	230 V AC	1	NONE	N
TEMP. + RH + TIME	3	2 INCH	2	PANEL MOUNTED	P	IN-BUILT SENSOR	I	110 V AC	2	RS-485	4
		4 INCH	4	HANGING TYPE	H	REMOTE SENSOR	R	24 V DC	3	ETHERNET	E
		6 INCH	6							RS-232	2