Temp. + Pressure indicator with integral or remote sensor.

External Box : Ex. Flameproof with S S Box

FEATURE :

➢ FDA 21 CFR part 11 - GAMP-4 compatible.

➢ Micro controller based indicator with inbuilt Temperature & DP measurement in single enclosure.

➢ Incorporates highly stable built-in or Remote Temp & DP sensor.

➢ 3 Digit, 0.56" bright LED display for displaying Temperature and DP

➢ Process parameter Hi and Low LEDs. Status indication For both channel.

➢ User selectable set limits for process value violation.

➢ Inbuilt buzzer to audible process value violation.

➢ Password protection for calibration and programming mode.

➢ Software Calibration for both channels.

➢ MODBUS RTU multi drop RS-485 serial communication for PLC, SCADA, etc.

➢ Programmable devise address, baud rate, (max no. of device is 1-256).

➢ Remote programmable from master device.

➢ User programmrable offset correction.

➢ Compact, All Stainless Steel enclosue with 35 mm depth for installation in prefab panels.

➢ Brick and modular wall mounting and flush mounting.

➢ Ex. Flameproof model available for Hazardous applications..

FDA 21 CFR part 11 compliance data logging computer software available (SCADA).

APPLICATION :

✦ HVAC (Heating, ventilation, Air conditioning, cooling)

✦ Clean room application in Pharmacy industry.

✦ Data Acquisition, Analysis and Processing

✦ Parma Environments monitoring applications.

TECHNICAL DATA :

INPUT	Nos. Of input	2 nos .(TEMP + DP)
	Temperatures input	Integral Or Remote (external)
	DP input	Integral Or Remote (external)
	Transmitter power supply	24V/5V DC @ 30 mA max, isolated from I/p & O/p.
INDICATION	Temperatures	Channel-1 : 3 digit Seven segments 0.56" RED display.
	DP	Channel-2 : 3 digit Seven segments 0.56" RED display.
	Status indication	5-LEDs for visual alarms, buzzer for audible alarm, LED for 485-comm.
RANGE	Temperatures	0 to 60.0 *C with decimal point.
	DP	-10 to 10 mm / -25 to 25mm / -100-100 mm /-200 to 200 mm wc
	Display Resolution	mm wc : 0.1 / PA : 1 / Hpa :0.01
ACCURACY	Temperatures	0.25 % on FS Response time : 8 sec
	DP	1 % on FS in all unit Response time : 1 sec
COMMUNICATION	Communication Protocol	Modbus RTU RS- 485 Isolated communications.
	Programmable parameter	Baud rate , Parity , Node address , stop bit.
	Read /write parameter	Total 1-256 unit.
	No. of slave ID	**Read:** Process value ,decimal point. **Write:** Hi Low set point.
PROGRAMMBALE PARAMETERS	Set point / High scale / Low scale	Full range as per input selection.
	Programming of parameters	Through 4 tactile keys (with password protections)
	Alarm logic	Full Scale HI OR Full scale Low
OTHER	Mounting	Bricks and modules wall Flush panel mounting.
	MOC	Full S S 316 plate and box , back side wall mounting M S covers.
	Supply voltage Power consumption	**24 v DC @** 4 watts maximum
	Operating ambient temperature and humidity	- 0~50 °C - Below 90%, non condensing

FLAME PROOF	Gas group	I IIA IIB as per IS 2148/1981
	Enclose certification	Enclosure is certifies by C.M.R.I. Dhanbad
	Display glass	Clear glass thognet type A as per Is 2206
	Degree protection	IP 65 as per IS 2147
	Material of constructions	Aluminum alloy
	Cable entry	5 x 3/4 " ET

ORDERING INFORMATION :

UT-1405   1   2   3   4   5

EXT. Housing		Sensor Type		AUX Power		TPS		Comm.	
Type	Code	Type	Code	Type	Code	Type	Code	Type	Code
S S Fluse mount.	F	Integral	I	230V AC	2	None	N	None	N
S S Wall mount.	W	Remote	R	110V AC	1	24V DC	2	RS-232	2
FLP Housing	F	FLP-Remote	F	24V DC	4	12V DC	1	RS-485	4
96x96	P								

Unitech Technocrats Pvt. Ltd.

CE

UNITECH™

PROCESS INDICATOR & CONTROLLERS

ON/OFF INDICATOR & CONTROLLERS

PID CONTROLLERS

LOOP POWERED INDI.

2" LARGE DISPLAY

4" LARGE DISPLAY

8" / 12" LARGE DISPLAY

FLOW INDICATOR CUM TOTALIZER & CONTR.

Water Flow Meter

Flow Meter Electro Magnetic

Gas/Air Flow Meter

Watrer Flow Meter

Heliacal Flow Meter

Oval Gear flow Meter-Oil/ fuel

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

Other Product

T + RH Large dis.

27.3 °C
55.1 %

Alarm Annunciators

pH Indi. & Sensor

Digital Pressure Gauge

Manual Loader

Vibrations X'Mer

Digital Temp. Gauge

Pressure X'Mer

1238

Flp Large indicator

COMMUNICATION CONVERTORS

422/485 Signal Repeater

Ethernet To 232/485 Iso. canvertor.

USB To 232 /485 convertor.

USB-422/485/232 Convertor

232 To 422/485 Iso. convertor.

232 to 485 convertor.

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 Transduser

FLAME PROOF INDICATOR AND PANELS

Flame proof Indi. Contr.

4 ch. Indicator Flame proof

FLP T + RH + DP Indi.

FLP Precess Controller

FLP Temp. Transmitter

8 ch. Indicator Flame proof

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

12:38:38

Wired and Wireless