



Temp. + Pressure indicator with integral or remote sensor.



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) → Data Acquisition, Analysis and Processing
- → Clean room application in Pharmacy industry.
- + Parma Environments monitoring applications.



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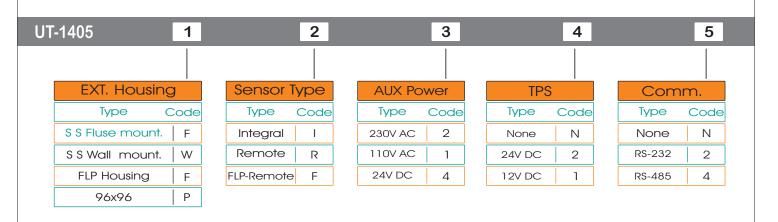


TECHNICAL DATA:

► 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
A A A A A A A A A A A A A A A A A A A	Temperatures	0.25 % on FS Response time : 8 sec
ACCURACY	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)
PARAMETERS	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
	Gas group	I IIA IIB as per IS 2148/1981
	Enclose certification	Enclosure is certifies by C.M.R.I. Dhanbad
ELAME DROOF	Display glass	Clear glass thognet type A as per Is 2206
ELAME DOOLE		

FLAME PROOF	Gas group	1 11A 11B as per 13 2140/1901
	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:











Unitech Technocrats Pvt. Ltd.



PROCESS INDICATOR & CONTROLLERS









4" LARGE DISPLAY

Data Loggers and Scanners



COMMUNICATION CONVERTORS



FLAME PROOF INDICATOR AND PANELS



FLOW INDICATOR CUM TOTALIZER & CONTR.



Other Product



SIGNAL ISOLATOR & TRANSMITTERS



PROCESS INDICATOR & CONTROLLERS



CLEAN ROOM INSTRUMENTS- PHARMA

