

# Multi-function Display Unit/Transmitter



## CT-MFDP

- Designed for flush mount, measure and display environment temperature, humidity and diff. pressure
- 316L front panel, PMMA window, flat surface, no dust stay, good for all detergents, sanitizers and bactericides
- Parallel or alternatively display input channels 1 to 3
- Large high light 3.2" color TFT LCD display
- Multiple inputs and outputs for different applications
- Optional 3 analog 4~20mA/0~10V/485 inputs/outputs signals



## Specifications:

MINI type/Horizontal type/ Vertical type

**Display:** 60X70 mm, high light 3.2" color TFT LCD, resolution 320x240

**Resolution:** ±0.1 engineering unit **Update time:** <1s

**Channels:** 1~3 channels, parallel (simultaneously) or single row(alternate) display

**Engineering unit:** 3 preset units, °C/°F, %RH and Pa

**Front panel material:** 316L stainless steel, 1.5mm thick

**Back housing parts:** fire-proof ABS+PC UL94 V-0 class

**Protection:** front panel IP65 (built-in temperature and humidity sensor cap IP54)

**Communication:** 1 USB for parameter checking and setting, 1 RS485/Modbus RTU, R/W enable, 9600

**Power Supply:** 16~28VAC/16~35VDC **Consumption:** 0.5VA

Model	MFDP	Multi-function Display Unit
Temp.	0	N/A
Hum.	1	Analog signals (2 channels)0.1%
Input	2	Built-in T/Rh sensor, accuracy 0.4C/3%
	3	Built-in T/Rh sensor, accuracy 0.3C/2%
	8	RS485-Modbus RTU
Diff.	0	N/A
Press.	1	Analog signal(1 channel)0.1%
Input	2	Built-in DP sensor, accuracy 1%
	3	Built-in DP sensor, accuracy 0.5%
	8	RS485-Modbus RTU
Output	0	N/A
	1	0~10Vx1 (diff. pressure)
	2	0~10Vx2 (T/Rh)
	3	0~10Vx3 (T/Rh+DP)
	8	RS485-Modbus RTU
Keys	0	N/A
	1	3 keys
Panel Port	0	N/A
	1	1 pressure sampling screw on front panel
Panel Types	M	MINI type
	H	Horizontal type
	V	Vertical type
Screw Hole	0	N/A
	1	4 holes at corners, with SS screws

