

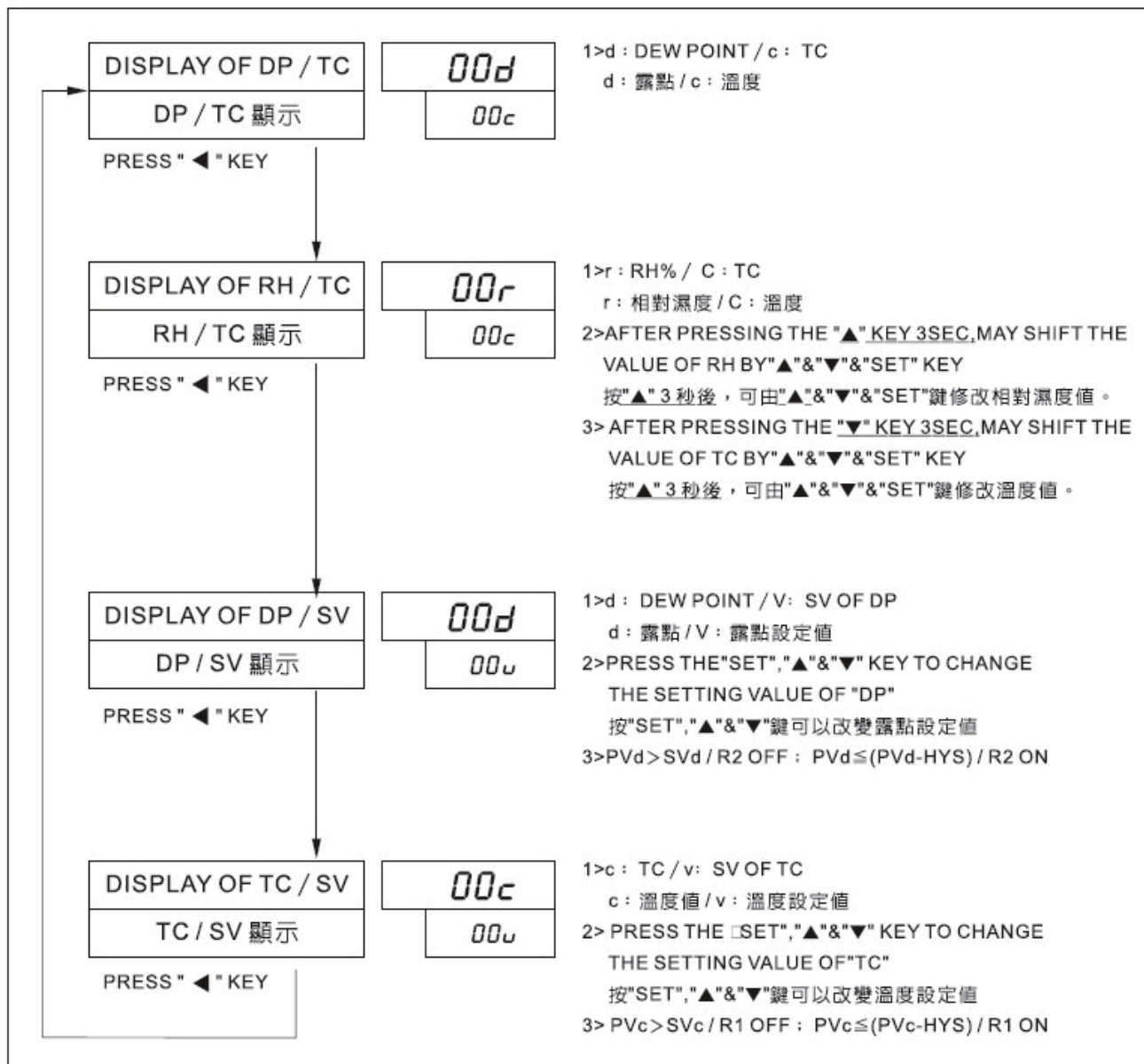
- DEW POINT & HUMIDITY & TEMPERATURE METER ALL IN ONE
“露點計 & 濕度計 & 溫度計” 三合一
- DEW POINT & TEMPERATURE SETTABLE
露點 & 溫度可設定
- LOWEST DEW POINT DISPLAY : -69°C
最低露點顯示 : -69°C
- TO DISPLAY DP/TEMP OR HUM/TEMP SELECTABLE
可選擇顯示“ 露點/溫度” 或“ 濕度/溫度”



Specification 規格

MODEL 型號	DPM-1	DPM-2	DPM-1-S	DPM-2-S
OUTLINE 外形	48 x 96	96 x 48	48 x 96	96x48
POWER SUPPLY 工作電壓	90~265 VAC, 50/60 Hz / 5 VA MAX.			
SENSOR 1 測溫體	K , J OR PT TYPE			
SENSOR 2 相對濕度感測器	RELATIVE HUMIDITY SENSOR <0.800VDC ~3.800VDC>			
TEMP OUTPUT 溫度控制輸出	RELAY 1c <5A/250VAC>			
DEW POINT OUTPUT 露點控制輸出	RELAY 1a <5A/250VAC>			
CONTROL METHOD 控制方式	ON / OFF			
DP/RH TRANSMITTER 露點濕度再傳送	NON		4 ~ 20 mA	
RANGE OF HUMIDITY 濕度顯示範圍	0.0% ~ 99.9%			
RANGE OF DEW POINT 露點顯示範圍	- 69℃ ~ 20.0℃			
RANGE OF TEMPERATURE 溫度顯示範圍	0℃ ~ 999℃			
ACCURACY OF DISPLAY 顯示精度	± (0.1 % OF F.S. + 1 DIGIT)			
SETTING RANGE 設定範圍	±99			
TEMPERATURE SHIFT 溫度修正	±9.99			
HUMIDITY SHIFT 濕度修正	±9.99			
RESPONSE TIME 反應時間	1 SEC			
MEMORY METHOD 記憶方式	EEPROM			
INSULATION RESISTANCE 絕緣強度	OVER 50MΩ			
DIELECTRIC STRENGTH 耐壓強度	OVER 2.5 KV/ 1 MINUTE			
OPERATING CIRCUMSTANCE 使用環境	20℃ ~ 75℃ ； 35%~85% RH			
EMC STANDARD	ESD : 8 KV AIR CHARGE < LEVEL 3>/EN-61000-4-2			
	BURST TEST : 2 KV / EN61000-4-4			

SELECTING OF MONITOR(顯示選擇)

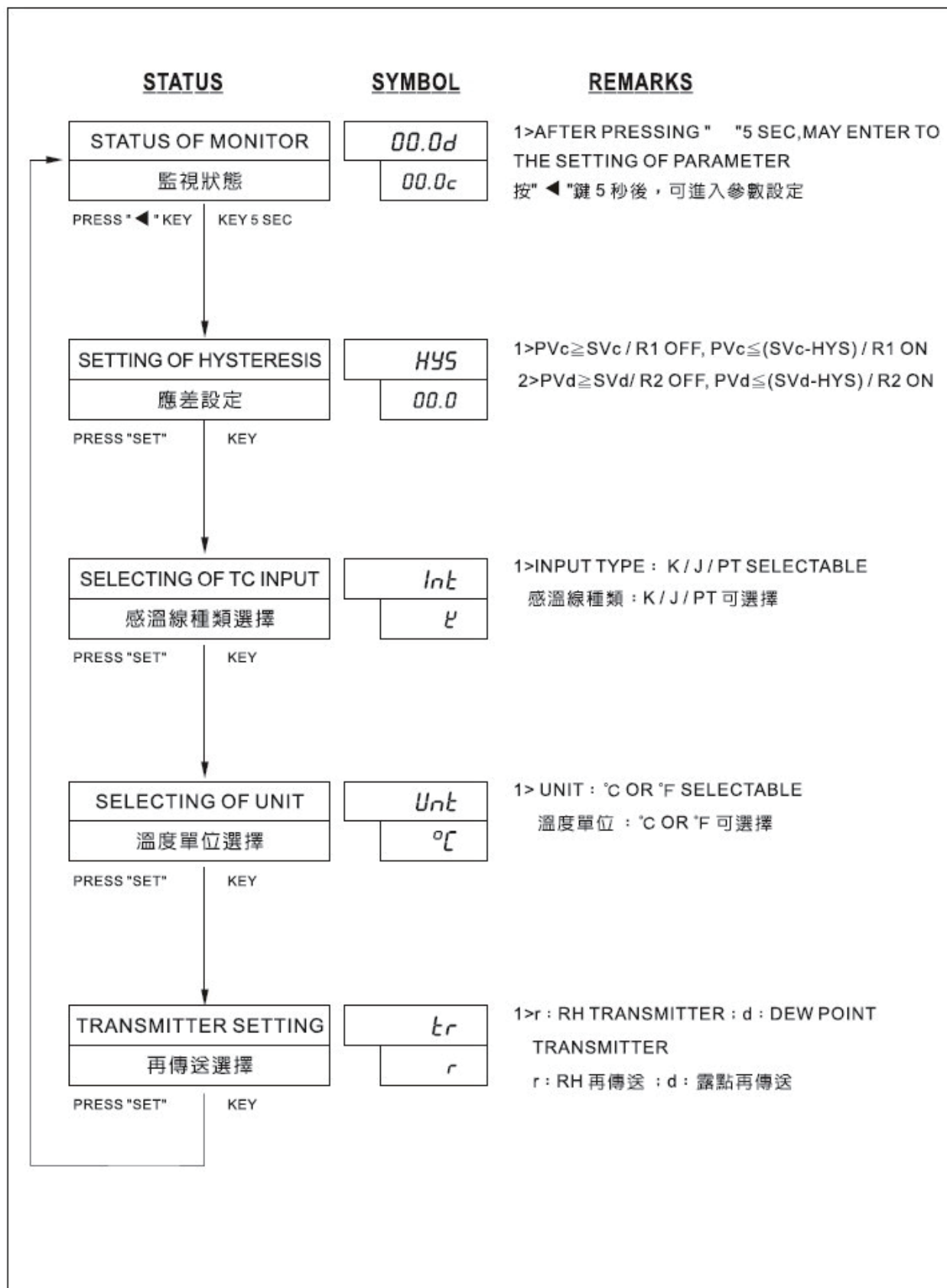


如何修正濕度顯示值

THE DISPLAY VALUE OF RELATIVE HUMIDITY MAYBE DIFFERENT FROM THE ACTUAL VALUE, PLEASE SELECT THE RH/TC MONITOR STATUS, AFTER PRESSING HTE "◀" KEY 3SEC, MAY SHIFT THE VALUE OF RELATIVE VALUE <RH>BY "▲" , "▼" "OR" "ET" KEY.

相對濕度顯示值和實際值可能有誤差，可以在“濕度/溫度”監視狀態中，按“▲”鍵3秒後可以按“▲”，“▼”或“SET”鍵修改相對濕度值。

SETTING OF PARAMETER 參數設定

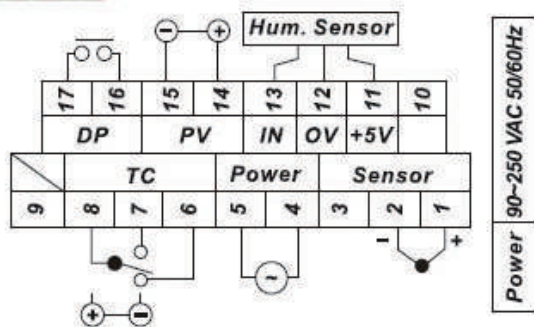


SETTING OF TRANSMITTER 傳送設定

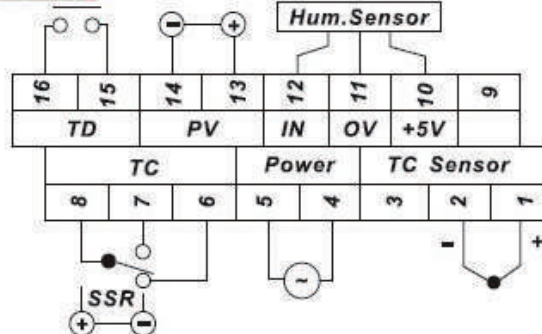
MONITOR SELECTING	SYMBOLS	REMARKS
STATUS OF NORMAL 監視狀態	00.0d 00c	1> d : DEW POINT ; c or F : TEMPERATURE d : 露點 c or F : 溫度
PRESS "SET" ↓ KEY 3 SEC		
SETTING OF LOCK 鎖定設定	LcL 0	1> 0 : ALL SETTING ARE UNLOCK 1 : SV SETTABLE 2 : SV SETTABLE 3 : ALL LOCK
PRESS "SET" ↓ KEY		
HI LIMIT OF TRANSMITTER 傳送上限設定	SLH 90	1> THE SLH IS CONVERTED TO "20.0" mA "SLH"轉成"20.0mA"
PRESS "SET" ↓ KEY		
LO LIMIT OF TRANSMITTER 傳送下限設定	SLL 0	1> THE "SLL" IS CONVERTED TO "4.0" mA "SLL"轉成"4.0mA"
PRESS "SET" ↓ KEY		
LO LIMIT OF DP 露點下限值設定	dPL -51	

CONNECTION DIAGRAM 接線圖

DPM-1

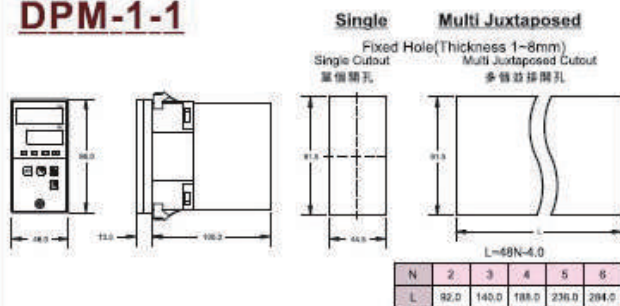


DPM-2

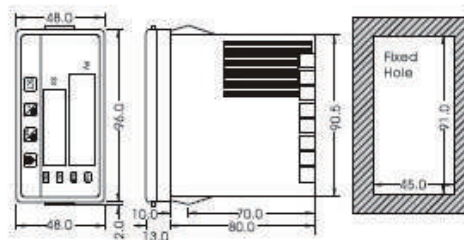


OUTLINE DIMENSION 外形尺寸圖

DPM-1-1



DPM-2-1



◆LINEAR VOLTAGE OUTPUT vs %RH

相對濕度對應電壓線性輸出

◆HIGH ACCURACY : $\pm 2.0\%$ RH

高精度 : $\pm 2.0\%$ RH

◆FAST RESPONSE TIME : 15 SEC

快速應答 : 15 SEC

◆STABLE & LOW DRIFT PERFORMANCE

高穩定性 & 低飄移特性

◆CHEMICALLY RESISTANCE

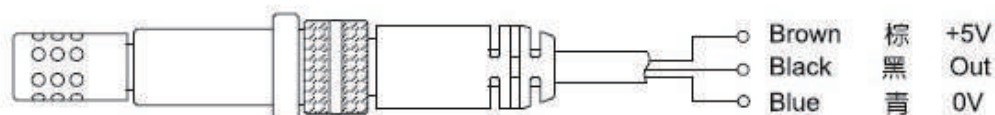
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Specification 規格

MODEL	型號	HS-1	HS-2
OPERATING VOLTAGE	工作電壓	4.0V DC~ 5.5VDC	
CURRENT CONSUMPTION	耗電流	200 μ A TYPICAL	
OPERATING HUMIDITY RANGE	濕度範圍	0 ~ 100% RH, NON-CONDENSING	
RH ACCURACY	RH 精度	$\pm 2.0\%$ RH	
RH LINEARITY	線性度	$\pm 0.5\%$ RH	
RH HYSTERESIS	應差	$\pm 1.2\%$ RH OF FS	
RH REPEATABILITY	重復性	$\pm 0.5\%$	
RH RESPONSE TIME	響應時間	15 SEC IN SLOWLY MOVING AIR @ 25°C	
RH STABILITY	穩定性	$\pm 1.0\%$ RH TYPICAL AT 50% RH IN 5 YEARS	
CONNECTION METHOD	出線方式	M12 CONNECTOR	
OPERATING TEMPERATURE	工作溫度	- 40°C ~ 85°C	
COMMENT	注意事項	LIGHT SENSITIVE, SHIELDED FROM BRIGHT LIGHT	

CONNECTION DIAGRAM



OUTLINE DIMENSION

