

# 直流信號隔離雙輸出傳送器

( DUAL OUTPUT DC SIGNAL ISOLATED TRANSMITTER )

MODEL  
PWRDTD



## 特點(FEATURES)

- 精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- 多種輸入與輸出選擇(Wide selection of input/output range)
- 輸入與輸出絕緣耐壓2仟伏特/1分鐘(Dielectric strength 2KVac/1 min. (input/output/power))
- 寬範圍交直流兩用電源設計(Wide input range for auxiliary power)
- 尺寸小,穩定性高(Dimension small and High stability)

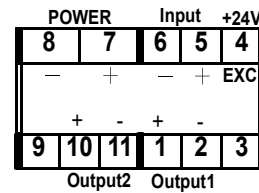
## 1.MODEL:PWRDTD- (選購型號)

NO	Input Range	NO	Input Range	NO	Output 1 Range	NO	Output 2 Range	NO	Aux. Power
1	0-50mV	6	4-20mA	C	DC1-5V	C	DC1-5V	A	AC/DC 18-60V
2	0-1V	7	4-20mA	D	DC0-10V	D	DC0-10V	B	AC/DC 90-260V
3	0-5V	9	SPECIFIED	F	DC0-1mA	F	DC0-1mA		Less 4VA for AC/DC input
4	1-5V	Exciting DC24V(<25mA) (two-wire transmitter)		I	DC4-20mA	I	DC4-20mA		
5	0-10V			R	SPECIFIED	R	SPECIFIED		

## 2.SPECIFICATION (主要規格)

Measuring accuracy (精確度)	: 0.1% F.S. (23 ± 5 )
Input resistance (輸入阻抗)	: >100M ohm (<2V range) >1M ohm (>2V range) <10 ohm (current input)
Maximum input (最大過載能力)	: <300Vrms (>2V ranges) <150Vrms (<2V ranges) <150mA (current ranges)
Response time (輸出反應速度)	: < 250 ms (0-90%)
Output drive capability (輸出負載能力)	: < 10mA for voltage mode < 10V for current mode
Output ripple (p-p) (輸出之漣波)	: < 0.1% F.S.
Zero (offset) range (歸零調整範圍)	: 0- ± 5% F.S.
Span (scale) range (最大值調整範圍)	: 0- ± 10% F.S.
Temp. coefficient (溫度係數)	: 100ppm/ (0-50 )
Isolation (隔離特性)	: Input/Output 1/Output 2/Power/Case
Insulation Resistance (絕緣阻抗)	: >100M ohm with 500V DC
Dielectric strength (絕緣耐壓能力)	: 2KVac/1 min. (input/output 1/output 2/power) 1600Vdc (input/output 1/output 2)
Operating condition (使用環境條件)	: 0-50 (20 to 90% RH non-condensed)
Storage condition (存放環境條件)	: 0-70 (20 to 90% RH non-condensed)
Construction (安裝方式)	: Socket/plugin type with barrier terminals

## 3.Terminal conection(接線圖)



note:Exciting voltage DC24V existent "DTD-7" only

## 4.Dimension(unit:mm)(外型尺寸)

