

三線式直流信號隔離傳送器(超小型)

(THREE WIRE DC SIGNAL ISOLATED TRANSMITTER)

**MODEL
TWD**



■特點(FEATURES)

- 精確度0.1%滿刻度(Accuracy 0.1% F.S.)
- 輸入與輸出絕緣耐壓1仟伏特/1分鐘(Dielectric strength 1KVac/1min(input/output))
- 寬範圍電源輸入直流10至28伏特(Field-rangeable supply voltage from 10 to 28V)
- 超小尺寸(51.5x22.2x19.3mm)(Dimension mini-size(51.5x22.2x19.3mm))
- 低價位與高可靠度(Low cost and high stability)
- CE認證(CE EMC certification)

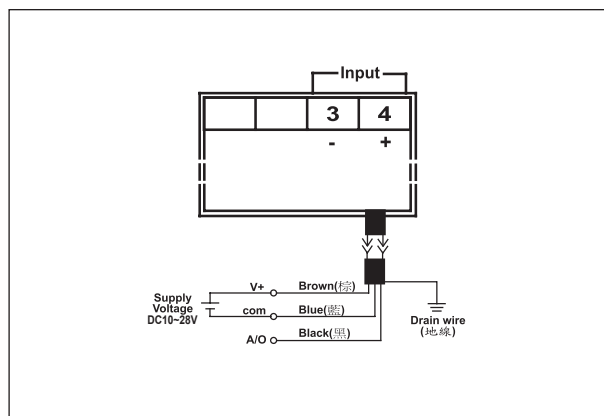
1.MODEL:TWD-□□□□ (選購型號)

NO	Input Range	NO	Input Range	NO	Input Range	NO	Input Range	NO	Output Range	NO	Output Cable Length
10	0~10mV	14	1~5V	18	0~100V	22	0~20mA	C	DC1~5V	2	2M(Standard)
11	0~50mV	15	0~10V	19	0~200V	23	4~20mA	D	DC0~10V	9	Customer
12	0~1V	16	2~10V	20	0~1mA	27	0~5A	I	DC4~20mA		*3cond.+shield,#28AWG,PVC
13	0~5V	17	-10~+10V	21	0~10mA	29	SPECIFIED	R	SPECIFIED		

2.SPECIFICATION(主要規格)

- Measuring accuracy (精確度): :0.1%F.S.(23±5°C)
- Input resistance (輸入阻抗): >100Mohm(<2V ranges)
>2Mohm(>2V ranges)
<50ohm(current input)
- Maximum input (最大過載能力): <400V(>2V voltage ranges)
<100V(<2V voltage ranges)
<100mA(<50mA current ranges)
<7.5A(>2A current ranges)
- Output current (supply voltage):(輸出電流(供應電源)):DC10 to 28V(Output DC1~5V/4~20mA)
DC14 to 28V(Output DC0~10V)
- Output load capability (輸出負載能力): >1Kohm(Voltage output)
<[(Vs-6V)/0.02A]ohm(Current output)
- Response time (輸出反應時間): <250ms(0~90%)
- Output ripple(p-p) (輸出漣波): <0.1% F.S.
- Zero (offset) range (歸零調整範圍): :0~±10% F.S.
- Span (scale) range (最大值調整範圍): :0~±20% F.S.
- Temp. coefficient (溫度係數): :100ppm/°C (0~60°C)
- Isolation (隔離特性): :Input/Output/Case
- Insulation Resistance (絕緣阻抗): >100Mohm with 500V_{dc}
- Dielectric strength (絕緣耐壓能力): :1KVac/1 min.(input/output)
- RFI protection (RFI保護): :2W-1500MHz at 2 meter causes less than 0.5% change in output
- Operating condition (使用環境條件): :0~60°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件): :0~70°C (20 to 90% RH non-condensed)
- Input wire range (輸入配線規格): :#14~#26AWG(0.2~2.0mm²)
- Case materials (外殼材料): :PC+ABS
- CE EMC Certification (CE 認證): :EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN55024:1998/A1:2001

3. TERMINAL CONNECTION (接線圖)



4. DIMENSION(unit:mm) (外型尺寸)

