

多迴路輸入直流信號隔離輸出傳送器

(MULTI-CHANNEL DC SIGNAL ISOLATED OUTPUT TRANSMITTER)

**MODEL
MTD**



■特點(FEATURES)

- 精確度0.1%滿刻度(Accuracy 0.1% F.S.)
- 多迴路輸入直流信號隔離輸出功能設計
(Multi-channel input dc signal isolated output for design)
- 多種輸入/輸出選擇(Wide input range for auxiliary power)
- 輸入與輸出與電源絕緣耐壓2千伏特/1分鐘
(Dielectric strength 2KV_{vac}/1min.(input/output/power))
- 寬範圍交直流兩用電源設計(Wide input range for auxiliary power)

1.MODEL:MTD-

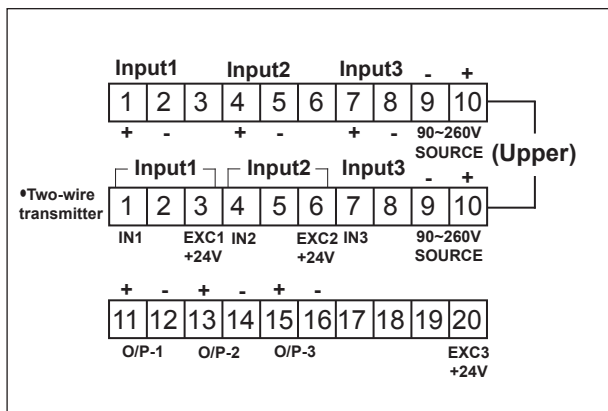
(選購型號)

NO	Input channel	NO	Input Range	NO	Input Range	NO	Input Range	NO	Input Range	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux.Power
A	Two Input	1	0~50mV	6	2~10V	B	0~1mA	G	0~5A	N	None	F	0~1mA	I	4~20mA	A	AC/DC18~60V
B	Three Input	2	0~1V	7	-10~+10V	C	0~10mA	N	None	A	0~50mV	G	0~10mA	T	•4~20mA	B	AC/DC90~260V
		3	0~5V	8	0~100V	D	0~20mA	R	SPECIFIED	B	0~1V	H	0~20mA	R	SPECIFIED		•Less 5VA for AC/DC input
		4	1~5V	9	0~300V	E	4~20mA		•Exciting DC24V(<25mA) (two-wire transmitter input)	C	1~5V		•Two-wire transmitter output (Exciting voltage DC10~30V)				
		5	0~10V	A	0~600V	F	•4~20mA			D	0~10V						

2.SPECIFICATION(主要規格)

- Measuring accuracy (精確度) :0.1%F.S.(23±5°C)
- Input resistance (輸入阻抗) :>1Mohm(<100V ranges)
>2Mohm(>100V ranges)
>5Mohm(>200V ranges)
>10 ohm(mA ranges)
>0.01 ohm(A ranges)
- Maximum input (最大過載能力) :<1000V(>200V ranges)
<600V(<200V ranges)
<300V(<100V ranges)
<150mA(mA ranges)
<10A(A ranges)
- Responses time (輸出反應時間) :<250ms(0~90%)
- Output drive capability (輸出負載能力) :<10mA for voltage mode
<10V for current mode
<[(V+)-7.5V]/20mA for two-wire mode
- Output ripple(p-p) (輸出漣波) :<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/°C (0~50°C)
- Isolation (隔離特性) :Input/Output/Power
- Insulation Resistance (絕緣阻抗) :>100Mohm with 500VDC
- Dielectric strength (絕緣耐壓能力) :2KV_{vac}/1 min.(input/output/power)
1600V_{dc} (input/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)
- Construction (安裝方式) :DIN rail mounting and wall mounting
- 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)

