

# 薄型頻率隔離傳送器

( SLIM TYPE FREQUENCY ISOLATED TRANSMITTER )

MODEL  
STF



## 特點(FEATURES)

- 精確度0.1%滿刻度(Accuracy 0.1%F.S.)
- 多種輸入輸出選擇(Wide selection of input/output range)
- 輸入/輸出1/輸出2絕緣耐壓1.5仟伏特/1分鐘(Dielectric strength 1.5kVac/1 min.(input/output1/output2))
- 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 & High stability)

## 1.MODEL:STF-

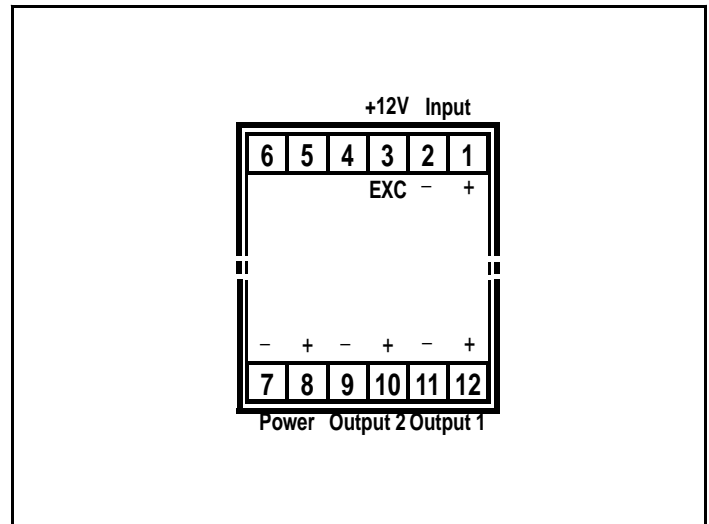
(選購型號)

NO	Input Type	NO	Input Type	NO	Input Range	NO	Output 1 Range	NO	Output 2 Range	NO	Aux. Power
A	Dry contact	5	Magnetic pick-up (AC50mV~1.5V)	1	0~50Hz	C	1~5V	N	None	A	AC/DC 18~60V
B	Pulse(TTL)(5V)			2	0~1KHz	D	0~10V	D	0~10V	B	AC/DC 90~260V
C	Pulse(NPN)(12V)	9	SPECIFIED	3	0~10KHz	I	4~20mA	I	4~20mA	Less 4VA for AC/DC input	
D	Pulse(PNP)(12V)			9	SPECIFIED	R	SPECIFIED	R	SPECIFIED		

## 2.SPCIFICATION (主要規格)

Measuring accuracy (精確度)	: 0.1% F.S. (TRMS)
Count input type (脈波輸入型式)	: Switch selectable current sourcing(NPN) or current sinking(PNP)
Count input trigger levels (脈波觸發電位)	: HI bias (CMOS) ( $V_{IH}=7.5V, V_{IL}=5.5V$ ) LO bias (TTL) ( $V_{IH}=3.7V, V_{IL}=2.0V$ )
Response 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
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.
Sensor power supply (感應器電源)	: 12VDC ±3% (<50mA)
Temp. coefficient (溫度係數)	: 100ppm/ (0-50 )
Isolation (隔離特性)	: Input/Output1/Output2/Power/Case
Insulation Resistance (絕緣阻抗)	: >100Mohm with 500V DC
Dielectric strength (絕緣耐壓能力)	: 1.5kVac/1 min. (input/Output1/Output2/power) 1200Vdc (input/Output1/Output2)
Operating condition (使用環境條件)	: 0-60 (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)	: 35mm DIN rail (EN50022)
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 EN 55024:1998/A1:2001

## 3.TERMINAL CONECTION (接線圖)



## 4.DIMENSION (unit:mm) (外型尺寸)

