

# 荷重元件隔離傳送器

(LOAD-CELL ISOLATED TRANSMITTER)

MODEL  
TL



## ■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)
- 輸入與輸出絕緣耐壓 2千伏特/1分鐘(Dielectric strength 2KVac/1 min.(input/output))
- 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:TL-□ □ □ □

(選購型號)

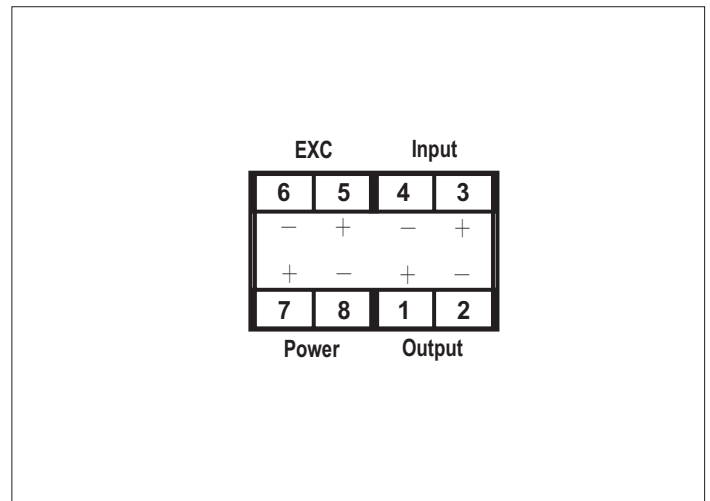
NO	Input Range	NO	Input Range	NO	Exciting Voltage	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux. Power
1	1mV/V	5	5mV/V	A	5V (<50mA)	A	0~50mV	E	2~10V	I	4~20mA	A	AC/DC 18~60V
2	1.5mV/V	9	SPECIFIED	B	10V(<50mA)	B	0~1V	F	0~1mA	R	SPECIFIED	B	AC/DC 90~260V
3	2mV/V			C	12V(<50mA)	C	1~5V	G	0~10mA			C	AC110V(50/60Hz)±20%
4	3mV/V			R	SPECIFIED	D	0~10V	H	0~20mA			D	AC220V(50/60Hz)±20%

• Less 3VA for AC/DC input

## 2.SPICIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23±5°C)  
(精確度)
- Exciting voltage : 5V±3% (<50mA)  
(感應器電源)  
10V±3% (<50mA)  
12V±3% (<50mA)
- Response time : <250ms (0~90%)  
(輸出反應時間)
- Output drive capability : <10mA for voltage mode  
(輸出負載能力)  
<10V for current mode
- Output ripple(p-p) : <0.1% F.S.  
(輸出漣波)
- Zero (offset) range : 0~±20% F.S.  
(歸零調整範圍)
- Span (scale) range : 0~±10% F.S.  
(最大値調整範圍)
- Temp. coefficient : 100ppm/°C (0~50°C)  
(溫度係數)
- Isolation : Input/Output/Power/Case  
(隔離特性)
- Insulation Resistance : >100M ohm with 500V DC  
(絕緣阻抗)
- Dielectric strength : 2KVac/1 min. (input/output/power)  
(絕緣耐壓能力)  
1600Vdc (input/output)
- Operating condition : 0~60°C (20 to 90% RH non-condensed)  
(使用環境條件)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)  
(存放環境條件)
- Construction : Socket/plugin type with barrier terminals  
(安裝方式)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A  
(CE 認證)  
EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

## 3.TERMINAL CONNECTION (接線圖)



## 4.DIMENSION(unit:mm) (外型尺寸)

