

## 特點

- 精確度  $\pm 0.25\%$  滿刻度
- 可量測 3/5/6 線式 LVDT 感測器
- 顯示範圍 -19999~99999 可任意規劃
- 2組警報功能
- 16 BIT 類比輸出功能
- 數位 RS-485 界面
- 寬範圍交直流兩用電源設計
- 尺寸小,穩定性高



## 1. TYPE : STLTR - [ ] [ ] [ ] [ ] [ ] [ ] (選購型號)

NO	Input Wiring	NO	Measurement Range (Exciting voltage/Frequency)	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux.Power
1	3-wire LVDT	2.5	0~2.50mm( $\pm 1.25$ mm) (2V RSM/1.2KHz)	0	None	0	None	N	None	A	AC/DC18~60V
2	5/6-wire LVDT	6.5	0~15.00mm( $\pm 7.50$ mm) (3.5V RSM/150Hz)	1	One	1	DC4~20mA	Y	RS-485	B	AC/DC90~260V
	*3-wire LVDT is half-bridge 4-wire LVDT	15	0~50.00mm( $\pm 25.00$ mm) (0.5V RSM/2KHz)	2	Two	2	DC0~10V		Modbus mode		*Less 4VA for AC/DC input
		50	Other LVDT SPECIFIED			9	SPECIFIED		*256 nodes on bus		
		XX			*When analog & RS-485 output only one alarm output		*When two-alarm output only one analog output or another RS-485 output				

## 2. SPECIFICATION (主要規格)

- Measuring accuracy (精確度):  $\pm 0.25\%$  F.S. ( $23 \pm 5^\circ\text{C}$ )
- Sampling time (取樣時間): 16 cycles/sec.
- Readout range (顯示值範圍): -19999~99999 digit adjustable
- Alarm delay time (繼電器延遲動作時間): 0~99 second adjustable
- Alarm action (繼電器動作方向): HI or Lo adjustable
- Relay contact output (繼電器容量): AC250V-2.5A, DC30V-5A
- Analog output resolution (類比輸出解析度): 16 bit DAC
- Response time (輸出反應速度):  $< 250\text{ms}$  (0~90%)
- Output drive capability (輸出負載能力):  $< 10\text{mA}$  for voltage mode,  $< 10\text{V}$  for current mode
- Output ripple (輸出之漣波): 0.1% F.S.
- RS-485 address (通訊位址): "00" ~ "FF" (0~255)
- RS-485 baud rate (傳輸速度): 19200/9600/4800/2400 selective
- RS-485 protocol (通信協議): Modbus RTU mode
- Temp. coefficient (溫度係數): 50 ppm/ $^\circ\text{C}$  (0~50 $^\circ\text{C}$ )
- Display (顯示幕): Red high efficiency LEDs high 6.8mm (0.268")
- Parameter setting (參數設定方式): Touch switches
- Memory mode (記憶型式): Non-volatile E<sup>2</sup>PROM memory
- Dielectric strength (絕緣耐壓能力): 2KVac/1 min. (input/output/power), 1600Vdc (input/output)
- Operating condition (使用環境條件): 0~60 $^\circ\text{C}$  (20 to 90% RH non-condensed)
- Storage condition (存放環境條件): 0~70 $^\circ\text{C}$  (20 to 90% RH non-condensed)

## 3. OUTSIDE DIMENSION (unit=mm) AND CONNECTION DIAGRAM

(外型尺寸 (unit=mm) 與配線圖)

