

薄型類比信號特別功能隔離傳送/警報控制電驛

(SLIM TYPE SPECICAL FUNCTION ISOLATED TRANSMITTER & CONTROLLER METER RELAY)

MODEL
SSFTR



■特點(FEATURES)

- 精確度0.05%滿刻度±1位數(Accuracy 0.05% F.S. ±1digit)
- 可量測 交直流電流/交直流電壓/電位計/傳送器/Pt-100/電阻...等信號 (Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Resistor/etc...)
- 顯示範圍-19999~99999可任意規劃(Programmable rate -19999~99999 digit)
- 可作上下波段緩衝/延遲緩衝/最大值保持/最小值保持/保持/追蹤等特別功能 (Special function Ramp buffer/Delay buffer/Maximum hold/minimum hold/Hold/Track)
- 2組警報功能(Two alarm function)(optional)
- 16 BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)
- 寬範圍交直流兩用電源設計(Wide input range for auxiliary power)

1.MODEL:SSFTR-□□□□□□□□

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Transmitter	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	DC	11	0~50mV	21	0~19.999uA	41	DC4~20mA	0	None	0	None	N	None	A	AC/DC18~60V
B	AC(RMS)	12	0~5V	22	0~199.99uA	42	DC1~5V	1	One	1	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	AC(TRMS)	13	0~10V	23	0~1.9999mA	43	DC4~20mA	2	Two	2	DC0~10V				
D	Potentiometer	14	0~36V	24	0~19.999mA	44	DC1~5V			9	SPECIFIED				
E	Transmitter	15	0~54V	25	0~199.99mA	49	SPECIFIED								
F	Pt-100(RTD)	16	0~110V	26	0~1.9999A										
R	Resistor	17	0~600V	27	0~5.000A										
		19	SPECIFIED	29	SPECIFIED										

*41/42 non-exciting DC24V
 *43/44 exciting DC24V(<25mA)
 *Relay contact (AC250V-2.5A,DC30V-5A)
 *When analog & RS-485 output only one alarm output
 *When two-alarm output only one analog output or another RS-485 output
 *Modbus mode
 *256 nodes on bus
 *Less 4VA for AC/DC input

2.SPECIFICATION(主要規格)

- Measuring accuracy (精確度): 0.05% F.S. ±1 digit (23±5°C) / 0.2% F.S. ±1 digit(AC(RMS))
- Sampling time (取樣時間): 16cycles/sec.
- Readout range (顯示範圍): -19999~99999 digit adjustable
- Delay buffer output (延遲緩衝輸出): Generate a first order lag output
- Buffer times (緩衝時間): 0.5~99.9 second 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): <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): 50ppm/°C (0~50°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 E²PROM 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°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件): 0~70°C (20 to 90% RH non-condensed)
- 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.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸Unit:mm與配線圖)

