

SLIM TYPE SPECIAL FUNCTION ISOLATED TRANSMITTER & CONTROLLER METER RELAY

MODEL
SSFTR



FEATURES

- Accuracy 0.05% F.S. ± 1 digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Resistor/etc...
- Programmable rate -19999~99999 digit
- Special function Ramp buffer/Delay buffer/Maximum hold/minimum hold/Hold/Track
- Two alarm function (optional)
- 16 bit DAC analog output function (optional)
- Digit RS-485 interface function (optional)
- 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										

2.SPECIFICATION

- Measuring accuracy :0.05% F.S. ± 1 digit (23 $\pm 5^{\circ}$ C) 0.2% F.S. ± 1 digit(AC(RMS))
- Sampling time :16cycles/sec.
- Readout range :-19999~99999 digit adjustable
- Delay buffer output :Generate a first order lag output
- Buffer times :0.5~99.9 second adjustable
- Alarm delay time :0~99 second adjustable
- Alarm action :HI or Lo adjustable
- Relay contact output :AC250V-2.5A,DC30V-5A
- Analog output resolution :16 bit DAC
- Response time :<250ms(0~90%)
- Output drive capability :<10mA for voltage mode <10V for current mode
- Output ripple(p-p) :0.1%F.S.
- RS-485 address : "00"~"FF"(0~255)
- RS-485 baud rate :19200/9600/4800/2400 selective
- RS-485 protocol :Modbus RTU mode
- Temp. coefficient :50ppm/ $^{\circ}$ C (0~50 $^{\circ}$ C)
- Display :Red high efficiency LEDs high 6.8mm(0.268")
- Parameter setting :Touch switches
- Memory mode :Non-volatile E²PROM memory
- Dielectric strength :2KVac/1 min.(input/output/power) 1600Vdc(input/output)
- Operating condition :0~60 $^{\circ}$ C (20 to 90% RH non-condensed)
- Storage condition :0~70 $^{\circ}$ C (20 to 90% RH non-condensed)
- CE EMC Certification :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

