



- Accuracy: $\pm 0.05\%$ F.S. ± 1 digit
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / PT-100 / Load Cell
- High brightness 0.4" LED display range: -19999~99999; decimal point selectable
- RS-485 communication output optional
- Analog Output (16 Bit) optional
- Reset (External terminal) / Data Hold / Root Square / 2 alarms setting (Hi or Lo) programmable

SPECIFICATION

- ◆ Accuracy: 0.05% F.S. ± 1 digit
- ◆ Sampling Cycle: 16 cycles/sec. ($>10\text{Hz}$)
- ◆ Display Rang: -19999~99999
- ◆ AL Run Delay Time: 0~99.9 sec
- ◆ Alarm Action: " $\geq$ (Hi) on" or " $<$ (Lo) on"
- ◆ Relay Contact: AC 250V / 2.5A; DC 30V / 5A
- ◆ A/O Resolution: 16 bit DAC
- ◆ A/O Response Time: $<250\text{ms}$ (0~90%)
- ◆ Output Capability: $<10\text{mA}$ for voltage mode, $<10\text{V}$ for current mode
- ◆ Output Ripple: $<0.1\%$ F.S.
- ◆ Comm.Address: "01"~"FF" (0~255)
- ◆ Baud Rate: 19200/9600/4800/2400
- ◆ Communication: Modbus RTU mode
- ◆ Temp. Coefficient: 50ppm/ $^{\circ}\text{C}$ (0~50 $^{\circ}\text{C}$)
- ◆ Display Screen: Red high efficiency LEDs high 10.16mm (0.4")
- ◆ Parameters Setting: Touch switches
- ◆ Back Up Memory: Non-volatile EEPROM memory
- ◆ Surge Test: 1.5kVac/1min. (input/power/display)
- ◆ Exciting Power: 12VDC $\pm 3\%$ ($<50\text{mA}$)
- ◆ Operating Temp.: 0~50 $^{\circ}\text{C}$ (20 to 90% RH non-condensed)
- ◆ Storage Temperature: 0~70 $^{\circ}\text{C}$ (20 to 90% RH non-condensed)

ORDER INFORMATION

DC5X-AS - Code1 - Code2 - Code3 - Code4 - Code5 - Code6

Code1	Input Type		Current		Resistor		Load Cell		Code5	Analog Output
D	DC	A1	0~20uA	I1	0~10Ω	L1	1mV/V EX.5V	N	None	
A	AC AVG	A2	0~200uA	I2	0~100Ω	L2	2mV/V EX.5V	A	4~20mA	
M	AC TRMS	A3	0~2mA	I3	0~1KΩ	L3	3mV/V EX.5V	V	0~10V	
P	3 Wire Potentiometer	A4	0~20mA	I4	0~10KΩ	L4	1mV/V EX.10V	O	Option	
I	2 Wire Resistor	A5	0~200mA	I5	0~100KΩ	L5	2mV/V EX.10V			
T	RTD (PT-100)	A6	4~20mA	IO	Option	L6	3mV/V EX.10V			
L	Load Cell	A7	0~2A			LO	Option			
2	2, 3 Wire Sensor	A8	0~5A							
4	4 Wire Sensor	A9	0~10A							
		AO	Option							
Code2	Voltage		Potentiometer		RTD (PT-100)	Code3	Aux. Power		Code6	RS-485
V1	0~50mV	P1	500Ω~10KΩ	T1	-50~50℃	A	AC/DC100~240V	N	None	
V2	0~5V	P2	10KΩ~100KΩ	T2	-100~100℃	C	DC 22V~60V	Y	Yes	
V3	1~5V	P3	100KΩ~1MΩ	T3	-200~200℃					
V4	0~10V	PO	Option	T4	0~600℃		Code4 Alarm Output			
V5	0~36V			TO	Option	N	None			
V6	0~300V					R1	1 Relay			
V7	0~600V					R2	2 Relays			
VO	Option									

WIRING CONNECTION

