

5 DIGITAL MICRO-PROCESS METER (24x48mm) with 1~2 ALARMS / ANALOG / RS-485

DC5X-AS

FEATURES

- 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



ORDER INFORMATION: DC5X-AS- [Code 1] [Code 2] - [Code 3] - [Code 4] [Code 5] [Code 6]

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

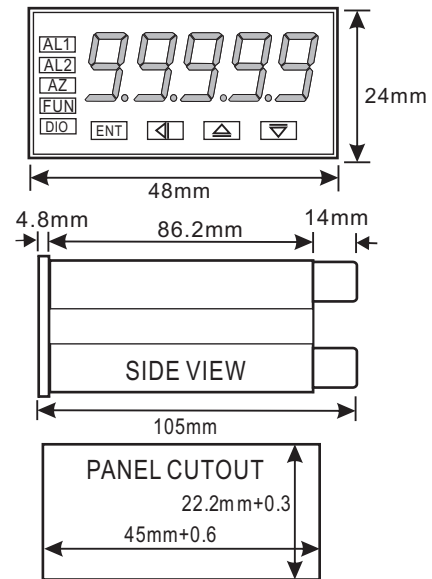
Code 4	Alarm Output
N	None
R1	1 Relay
R2	2 Relays

Code 6	RS-485
N	None
Y	Yes

SPECIFICATION

- ◆ Accuracy: 0.05% F.S. ± 1 digit
- ◆ Sampling Cycle: 16 cycles/sec. (>10Hz)
- ◆ Display Rang: -19999~99999
- ◆ AL Run Delay Time: 0~99.9 sec
- ◆ Alarm Action: "≥ (Hi) on" or "< (Lo) on"
- ◆ Relay Contact: AC 250V / 2.5A; DC 30V / 5A
- ◆ A/O Resolution: 16 bit DAC
- ◆ A/O Response Time: <250ms(0~90%)
- ◆ Output Capability: <10mA for voltage mode, <10V 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/°C (0~50°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 $\pm 3\%$ (<50mA)
- ◆ Operating Temp.: 0~50°C (20 to 90% RH non-condensed)
- ◆ Storage Temperature: 0~70°C (20 to 90% RH non-condensed)

DIMENSION



WIRING CONNECTION

