

5 DIGITAL MICRO-PROCESS METER with 1~4 ALARMS / ANALOG OUTPUT / RS-485

DC5H-A

FEATURES

- Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell
- High brightness 0.8" LED display range: -19999~99999; decimal point selectable
- Display range programmable
- Max. Hold / Data Hold / Reset / 2~4 Alarms (Hi or Lo) programmable / Analog output (15 bit resolution) / RS-485 communication optional (The above options can exist together)
- High stability, non-flammable case (PC), high safety
- CE approval



ORDER INFORMATION: DC5H-A- [Code 1] [Code 2] [Code 3] [Code 4] [Code 5] [Code 6]

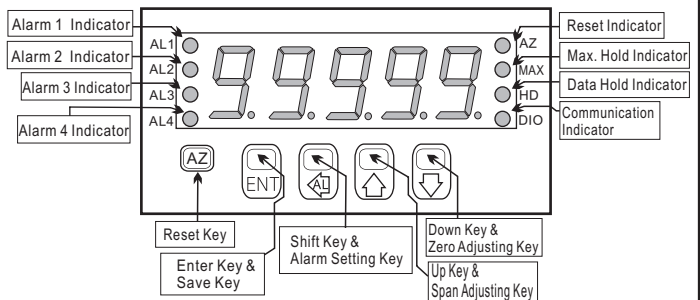
| Code 1 | Input Type | Code 2 | Voltage | Code 2 | Current | Code 2 | Potentiometer | Code 2 | Resistor | Code 2 | RTD (PT-100) | Code 2 | Load Cell | Code 3 | Aux. Power | Code 5 | Analog Output |
|--------|----------------------|--------|---------|--------|---------|--------|---------------|--------|----------|--------|--------------|--------|--------------|--------|---------------|--------|---------------|
| D | DC | V1 | 0~50mV | A1 | 0~20uA | P1 | 500Ω~10KΩ | I1 | 0~10Ω | T1 | -50~50℃ | 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℃ | L2 | 2mV/V EX.5V | B | DC 12V | A | 4~20mA |
| M | AC TRMS | V3 | 1~5V | A3 | 0~2mA | P3 | 100KΩ~1MΩ | I3 | 0~1KΩ | T3 | -200~200℃ | L3 | 3mV/V EX.5V | C | DC 22~60V | V | 0~10V |
| P | 3 Wire Potentiometer | V4 | 0~10V | A4 | 0~20mA | PO | Option | I4 | 0~10KΩ | T4 | 0~600℃ | L4 | 1mV/V EX.10V | D | DC 30~90V | 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 | | | A9 | 0~10A | | | | | | | | | | | | |
| | | | | AO | Option | | | | | | | | | | | | |

- **1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.
 2: Please specify the input signal and display value, inquiry salespersons for special type.
 3: Load Cell type of excitation power DC5V can have 2 load cell in parallel; DC10V only can offer 1 load cell to use.
 4: 3 Relay type only offers A(NormalOpen) output. O.C. (Open Collect) offers NPN of C.E. output.

SPECIFICATION

- ◆ Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- ◆ Display Screen: High brightness red LED; 20.3mm(0.8")
- ◆ Sampling Cycle: 16 cycles / sec (AVG=1)
- ◆ Display Range: -19999~99999
- ◆ Zero Adjustment: -19999~99999
- ◆ Over Range Indication: doFL / ioFL or -doFL / -ioFL
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: " \geq (Hi) on" or "< (Lo) on"
- ◆ Alarm Hysteresis Range: 0~9999
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Analog Output Resolution: 15 bit
- ◆ Output Response Time: <250 msec (0~90%)
- ◆ Output Capability: Voltage Output: <20mA
Current Output: <10V
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 38400 / 19200 / 9600 / 4800 bps
- ◆ Parity Check: n.8.2. / n.8.1. / odd / even
- ◆ Temperature Coefficient: 100ppm / °C (0~60℃)
- ◆ Operating Temperature: 0~60℃
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70℃
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240V; DC 22~60V
- ◆ Power Consumption: 8.5VA (all functions output)
- ◆ Surge Test: 2KVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage: >2V for 20KΩ / V; $\leq 2V$ for >200MΩ
Current: $\geq 0.2A$ at 100mV; <0.2A at 1V
- ◆ Dimensions: 96(W)*48(H)*110(D) mm
- ◆ Weight: About 500 g

FRONT PANEL & KEY FUNCTIONS



DIMENSION

