



- High brightness 0.56" LED display: -19999~99999
- Max. input frequency: 7KHz (1U2D / 1P2D); 3KHz (1A2B)
- Input pulse for pre-multiplication & pre-division
- N / R / C relay output mode selectable
- 1~4 alarms output programmable (Hi or Lo) / Analog output (15 bit resolution) / RS-485 communication optional (The above option can exist together)
- Reset / Pause count by external control terminal available
- High stability, non-flammable case (PC), high safety
- CE approval

**SPECIFICATION**

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| <ul style="list-style-type: none"> <li>◆ Display Screen: High brightness red LED; 14.22mm(0.56")</li> <li>◆ Max. Input Frequency: 7KHz (1U2D / 1P2D)<br/>3KHz (1A2B)</li> <li>◆ Display Range: -19999~99999</li> <li>◆ Parameters Setting: Push buttons</li> <li>◆ Back Up Memory: EEPROM</li> <li>◆ Alarm Action: "≥ (Hi) on" or "&lt; (Lo) on"</li> <li>◆ Relay Contact: AC 277V / 7A; DC 30V / 7A</li> <li>◆ Relay Output Mode: N / R / C (depends on 1st alarm setpoint)</li> <li>◆ Alarm Run Time: 1~99 sec</li> <li>◆ Analog Output Resolution: 15 bit</li> <li>◆ Output Response Time: &lt;250 msec (0~90%)</li> </ul> | <ul style="list-style-type: none"> <li>◆ Output Capability: Voltage Output: &lt;20mA<br/>Current Output: &lt;10V</li> <li>◆ Communication: RS-485 Modbus RTU mode<br/>38400 / 19200 / 9600 / 4800 bps</li> <li>◆ Baud Rate:</li> <li>◆ Temperature Coefficient: 100ppm / °C (0~60°C)</li> <li>◆ Operating Temperature: 0~60°C</li> <li>◆ Operating Humidity: 20~90% RH (non-condensing)</li> <li>◆ Storage Temperature: -10~70°C</li> <li>◆ Storage Humidity: 20~90% RH (non-condensing)</li> <li>◆ Power Supply: AC/DC 100~240V; DC 12 / 24 / 30~90V</li> <li>◆ Power Consumption: 8.5VA (all functions output)</li> <li>◆ Surge Test: 1.5KVac / 1min (Input / Power)</li> </ul> |
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**ORDER INFORMATION**

DC5H-C- [Code 1] - [Code 2] - [Code 3] - [Code 4] [Code 5]

Code 1	Input Signal	Code 1	Input Signal	Code 2	Aux. Power	Code 2	Alarm Output	Code 2	Alarm Output	Code 4	Analog Output	Code 5	RS-485
N5	NPN(5V)	VC	Pick-up 50mV~1.5V	A	AC/DC 100~240V	N	None	O1	1 Open Collect	N	None	N	None
N2	NPN(12V)	VD	Pick-up 500mV~15V	B	DC 12V	R1	1 Relay	O2	2 Open Collect	A	4~20mA	Y	Yes
P5	PNP(5V)	VE	DC 24Vp	C	DC 24V	R2	2 Relays	O3	3 Open Collect	V	0~10V		
P2	PNP(12V)	CT	Contact	D	DC 30~90V	R3	3 Relays	O4	4 Open Collect	O	Option		
		0	Option			R4	4 Relays						

\*\*1: NPN(5V),PNP(5V) offers excitation power DC5V; NPN(12V),PNP(12V) offers excitation power DC12V for sensors using.  
2: Please use PNP/NPN(5V/12V) or DC24Vp for DC pulse input.

**WIRING CONNECTION**

