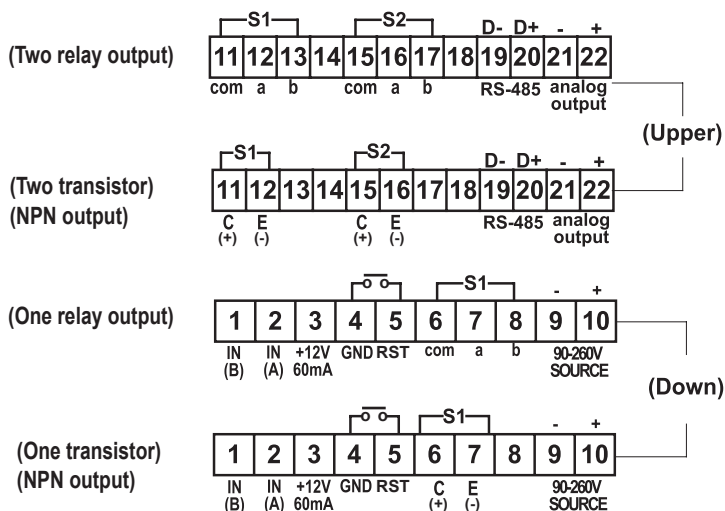


- Accepts input rates up to 10KHz.
- Four counting modes Up,Down,Up/ Down, quadrature-up/ down can be modified.
- Quadrature sensing up to 4 times resolution.
- Input scaling multiplied 0.00001 to 9.99999 can be modified.
- Two alarm function(optional).
- 16 bit DAC analog output function(optional).
- Digit RS-485 interface function(optional).

SPECIFICATION

- ◆ Count input type :Jump-pin selectable current sourcing(NPN) or current sinking(PNP)
- ◆ Count input trigger levels :High level:VIH=DC4~30V(Pulse) Low level :VIL=DC0~2V(Pulse)
- ◆ Max.count rates :<10KHz(up,down,up/down mode) <3KHz(quadrature mode)
- ◆ Readout range :-1999 to 9999(4 digits) -199999 to 999999(6 digits)
- ◆ Compare range :0 to 9999(4 digits) 0 to 999999(6 digits)
- ◆ Output hold time :0.1 to 999.9 second adjustable
- ◆ Output reset type :Manual(N) or automatic (R or C) can be modified
- ◆ Relay contact output :AC250V-5A,DC30V-7A
- ◆ Transistor output :Photo couple of open-collector (Max.DC30V/40mA)
- ◆ Analog output resolution :16 bit DAC(Isolating)
- ◆ Response time :<1/f+10ms(0~90%)
- ◆ Output drive capability :<10mA for voltage mode <10V for current mode <[(V+)-7.5V]/20mA for two-wire mode
- ◆ Output ripple(p-p) :<0.1%F.S.
- ◆ RS-485 address :"01"~"FF"(0~255)
- ◆ RS-485 baud rate :19200/9600/4800/2400 selective
- ◆ Display :Red high efficiency LEDs high 14.22mm(0.56")
- ◆ Parameter setting :Touch switches
- ◆ Sensor power supply :5VDC ±3%(<60mA) 12VDC ±3%(<60mA)
- ◆ Memory mode :Non-volatile EEPROM memory
- ◆ Dielectric strength :2KVac/1 min.(input/output/power) 1600Vdc(input/output)
- ◆ Operating condition :0~50°C (20 to 90% RH non-condensed)
- ◆ Storage condition :0~70°C (20 to 90% RH non-condensed)

WIRING CONNECTION



●Note1:One alarm output only down terminal

ORDER INFORMATION

DC5M-CP - Code1 Code2 Code3 Code4 - Code5 Code6 Code7 X

X=NIL(alarm relay output), X=T(alarm transistor NPN output)

Code1	Display	Code3	Input Rate	Code4	Alarm output
4	4 digit	5	50 Pulse/Sec	R1	One
6	6 digit	1	10000 Pulse/Sec	R2	Two(AL1/AL2=Alone-4 digit)
			*5:Contact input	R2	Two(AL2=Pre-warm-2 digit)
			*1:Non-contact input		*6 digit only
Code2	Input Type				
N5	Pulse(TTL)(5V)				
N2	Pulse(NPN)(12V)				
P2	Pulse(PNP)(12V)				
O	Option				
Code5	Analog output	Code6	RS-485	Code7	Aux.Power
N	None	N	None	A	AC/DC18~60V
A	DC4~20mA	Y	RS-485	B	AC/DC90~260V
V	DC0~10V		Modbus mode		Less 4VA for
O	Option		256 nodes on bus		AC/DC input