

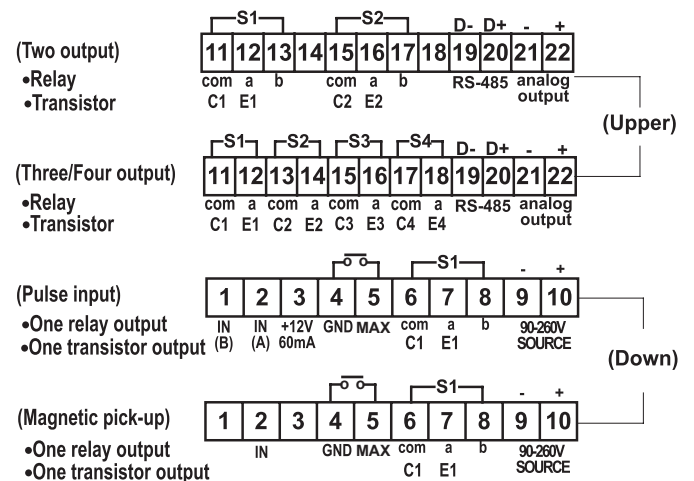
- Accuracy 0.03% F.S.
- Measuring Pulse(TTL,CMOS), magnetic pick-up signal.
- Accepts input rates up to **200KHz**.
- Accept input rates 50/ 500/ 200000 CPS can be modified.
- Dual input math function B-A, B/A, (B/A-1), 1-(B/A), B/(A+B).

- Display type of RPM or line-speed can be modified.
- Input pulse of revolution can be modified (1~99999 pulse/revolution).
- Four alarm function)(optional).
- 16 bit DAC analog output function)(optional).
- Digit RS-485 interface function)(optional).

SPECIFICATION

- ◆ Measuring accuracy : 0.03% F.S.(23±5℃)
- ◆ Count input type : Jump-pin selectable current sourcing (NPN) or current sinking (PNP)
- ◆ Count input trigger levels : High level:VIH=DC4~30V(pulse)
High level:VIH=AC30mV~30V (Magnetic pick-up)
Low level:VIL=DC0~2V(pulse)
Low level:VIH=AC0mV~20mV (Magnetic pick-up)
- ◆ Max.count rates : <200KHz (One input type)
<100KHz (Two input type)
<1KHz (Magnetic pick-up/AC50~600V)
- ◆ Sampling time : 10 cycles/sec.(>10Hz)
f cycles/sec.(<10Hz)
- ◆ Readout (compare)range : -19999~99999 digit adjustable
- ◆ Diameter setting : 0 to 9.9999M
- ◆ Alarm action : HI or Lo adjustable
- ◆ Transistor output type : Photo couple of open-collector (Max.DC30V/40mA)
- ◆ Relay contact output : AC 250V-5A, DC 30V-7A
- ◆ Analog output resolution : 16 bit DAC (isolating)
- ◆ Response time : <250ms(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 : 38400/19200/9600/4800/2400 selective
- ◆ Display : Red high efficiency LEDs
high 20.32mm(0.8")
- ◆ Sensor power supply : 12VDC+3%(<60mA)
- ◆ Memory mode : Non-volatile EEPROM memory
- ◆ Dielectric strength : 2KVac/1 min. (input/power/display)
1600Vdc (input/output)
- ◆ Operating condition : 0~50℃ (20 to 90% RH non-condensed)
- ◆ Storage condition : 0~70℃ (20 to 90% RH non-condensed)

WIRING CONNECTION



- Note1:One alarm output only down terminal
- Note2:One input is useful input A
- Note3:Maximum hold function(pin 4 and pin 5 is connection)

ORDER INFORMATION

DC5M-HR - Code1 Code2 - Code3 X=NIL(non-maximum hold function),
Code4 Code5 X X=M(maximum hold function)

Code1	Input Type	Code2	Alarm output	Code2	Pulse output
N5	Pulse(TTL)(5V)	N	None	P1	One(Transistor NPN)
N2	Pulse(NPN)(12V)	R1	One(Relay)	P2	Two(Transistor NPN)
P2	Pulse(PNP)(12V)	R2	Two(Relay)	P3	Three(Transistor NPN)
VF	Magnetic pick-up (30mV~30V)	R3	Three(Relay)	P4	Four(Transistor NPN)
VB	AC60~600V	R4	Four(Relay)		Transistor output (Photo couple of open-collector, Max.DC30V140mA)
O	Option		Relay contact (AC250V-5A,DC30V-7A)		
Code3	Analog output	Code4	RS-485	Code5	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 AC/DC input
O	Option		256 nodes on bus		