

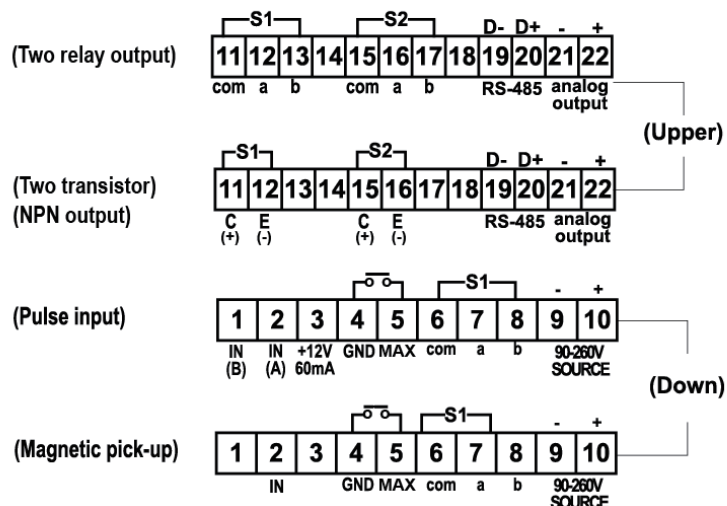
- Accuracy 0.03% F.S.
- Measuring Pulse(TTL,CMOS), magnetic pick-up signal.
- Accepts input rates up to 50KHz.
- Dual input math function B-A,B/A, (B/A-1),1-(B/A),B/(A+B).

- Display type of RPM or line-speed can be modified.
- Input pulse of revolution can be modified (1~99999 pulse/revolution).
- Two 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°C)
- ◆ 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 :50KHz(50% duty cycle)
- ◆ Sampling time :10 cycles/sec.(>10Hz) f cycles/sec.(<10Hz)
- ◆ Readout range :0~99999 digit adjustable
- ◆ Diameter setting :0 to 9.9999M
- ◆ Alarm action :HI or Lo adjustable
- ◆ Relay contact output :AC250V-5A.DC30V-7A
- ◆ Analog output resolution :16 bit DAC(Isoating)
- ◆ 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 :19200/9600/4800/2400 selective
- ◆ Display :Red high efficiency LEDs
- ◆ Sensor power supply high 10.16mm(0.4") :12Vdc±3%(<60mA)
- ◆ Memory mode :Non-volatile EEPROM memory
- ◆ Dielectric strenth :2KVac/1 min.(input/output/power) 1600Vdc(input/output)
- ◆ Operating condition :0~50°C (20to90% RH non-condensed)
- ◆ Storage condition :0~70°C (20to90% RH non-condensed)

WIRING CONNECTION



- Note1:One input is useful input A
- Note2:One alarm output only down terminal
- Note3:HI-SET→S1-RELAY(Tr.),LO-SET→S2-RELAY(Tr.)

ORDER INFORMATION

DC5M-RP - Code1 Code2 - Code3 X=NIL(non-maximum hold function), Code4 Code5 Code6 X X=M(maximum hold function)

Code1	Input Type	Code2	Display unit	Code3	Alarm output
N5	Pulse(TTL)(5V)	R	RPM	N	None
N2	Pulse(NPN)(12V)	M	M/min	R1	One(Relay)
P2	Pulse(PNP)(12V)	Y	Y/min	R2	Two(Relay)
VC	Magnetic pick-up (50mV~1.5V)	F	ft/min		Relay contact (AC250V-5A,DC30V-7A)
VD	Magnetic pick-up (500mV~15V)	O	Option		
VA	AC2~60V				
O	Option				
Code4	Analog output	Code5	RS-485	Code6	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		