



FEATURES

- NPN/PNP count input type can be modified
- Accuracy 0.03% F.S.
- Measuring Pulse(TTL,CMOS),Magnetic pick-up signal
- Accepts input rates up to 200KHz
- Accept input rates 50 or 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)
- Protection class NEMA4/IP67

1.MODEL:MR726-

NO	Input Type(Exciting Voltage)	NO	Alarm Output	NO	Alarm Output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	Pulse (NPN/PNP,EXC5V)	0	None	5	One(Transistor NPN)	N	None	N	None	A	AC/DC18~60V
B	Pulse(NPN/PNP,EXC12V)	1	One(Relay)	6	Two(Transistor NPN)	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
D	Magnetic pick-up(30mV~30V)	2	Two(Relay)	7	Three(Transistor NPN)	V	DC0~10V	•Modbus mode		•Less 4VA for AC/DC input	
F	AC50~600V	3	Three(Relay)	8	Four(Transistor NPN)	T	•DC4~20mA	•256 nodes on bus			
O	SPECIFIED	4	Four(Relay)			R	SPECIFIED				

•Two-wire transmitter (Exciting voltage DC10~36V)

2.SPECIFICATION

- Measuring accuracy :0.03% F.S.(23±5°C)
- Count input trigger levels :High level: $V_{IH}=DC4\sim30V$ (Pulse)
High level: $V_{IH}=AC30mV\sim30V$ (Magnetic Pick-up)
Low level: $V_{IL}=DC0\sim2V$ (Pulse)
Low level: $V_{IL}=AC0mV\sim20mV$ (Magnetic Pick-up)
- Max.count rates :<200KHz(One input type)
<100KHz(Two input type)
<1KHz(Magnetic Pick-up)
- 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 :AC250V-5A,DC30V-5A
- Analog output resolution :16 bit DAC(Isoating)
- Response time :<250ms(0~90%)
- Output drive capability :<10mA for voltage mode
<10V for current mode
- Output ripple(p-p) :<0.1%F.S.
- RS-485 address :~"00"~"FF"(0~255)
- RS-485 baud rate :19200/9600/4800/2400 selective
- Display :Red high efficiency LEDs high 10.16mm(0.4")
- Sensor power supply :5Vdc ±3%(<60mA)(MR726-A)
12Vdc ±3%(<60mA)(MR726-B)
- Memory mode :Non-volatile E²PROM memory
- Dielectric strength :2KVac/1 min.(input/output/power)
1600Vdc(input/output)
- Operating condition :~10~55°C (20 to 90% RH non-condensed)
- Storage condition :~25~70°C (20 to 90% RH non-condensed)
- CE EMC Certification :EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN55024:1998/A1:2001

3.OUTSIDE DIMENSION(unit=mm) AND CONNECTION DIAGRAM

