



FEATURES

- NPN/PNP count input type can be modified
- Readout range from -19999 to 99999 digit
- Accepts input rates up to 50KHz
- Accept input rates 50 or 50000 CPS can be modified
- Five counting modes Front/after edge-up/down, up/down, direct-up/down, quadrature-up/down can be modified
- Quadrature sensing up to 4 times resolution
- Input scaling multiplied 0.0001 to 9.9999 can be modified
- Four alarm function (optional)
- 16 bit DAC analog output function (optional)
- Digit RS-485 interface function (optional)
- Protection class NEMA4/IP67

1. MODEL: MMC726-□-□-□-□

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
O	SPECIFIED	3	Three(Relay)	8	Four(Transistor NPN)	T	•DC4~20mA		•256 nodes on bus		
		4	Four(Relay)			R	SPECIFIED				

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

2. SPECIFICATION

- 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)
- Maximum count rates :<50KHz(Up, Down, Up/Down, Direct-Up/Down mode)
<25KHz(Quadrature-Up/Down mode)
<1KHz(Magnetic Pick-up mode)
- Readout (compare) range :-19999~99999 digit adjustable
- Alarm action :HI or Lo adjustable
- Alarm output responses time:<10ms(Relay output)
<0.5ms(Transistor output)
- Relay contact output :AC250V-5A, DC30V-5A
- Transistor output type :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 :"00"~"FF"(0~255)
- RS-485 baud rate :19200/9600/4800/2400 selective
- RS-485 protocol :Modbus RTU mode
- Display :Red high efficiency LEDs high 10.16mm(0.4")
- Sensor power supply :5VDC $\pm 3\%$ (<60mA)(MMC726-A)
12VDC $\pm 3\%$ (<60mA)(MMC726-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
EN 55024:1998/A1:2001

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

