AXE 6 Digit Microprocess Counter (72x72mm)   MC726 Series

## Features

Accept more type sensors(switch, encoder, proximity. etc)	Quadrature sensing up to 4 times resolution
Accept input rates up to 10KHz	Alarm output can programmable per-warn mode
Readout range from -199999-999999	N, R, C alarm control mode
Four counting modes Up, Down, Up/Down, Quadrature	Alarm output action times 0.1~99.9 sec. Can be modified
Power down saving	0.36' highlight display
Decimal point can be modified	Man-machine interface, easy to operate
Input scaling multiplied 0.00001~9.99999 can be modified	EEPROM Saving, data safekeeping about 10 years
Reset by panel or connect terminal	Modified inside parameter, must have pass code

Name of parts

Count value display → PV

Setting value display → SV

Function keys: RST, AL SEL, ENT

OUT1 OUT2 OUT3   AL1 AL2

Per digit setting keys

6 5 4 3 2 1

Connect diagram

Contact input(PNP)

IN
12V
COM

Inside jumper			
1	2	3	4
OFF	ON	ON	OFF

Contact input(NPN)

IN
12V
COM

Inside jumper			
1	2	3	4
ON	OFF	ON	OFF

CMOS input(12V or 15V)

IN
12V
GND
COM

Inside jumper			
1	2	3	4
OFF	ON	OFF	OFF

TTL input(5V)

IN
12V
GND
COM

Inside jumper			
1	2	3	4
OFF	ON	OFF	ON
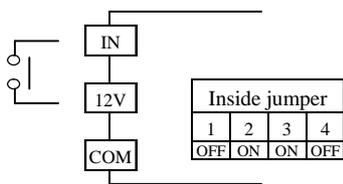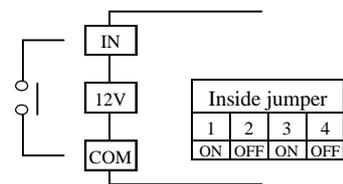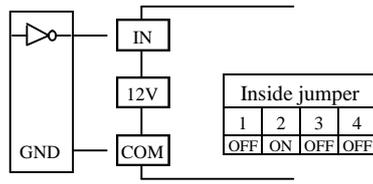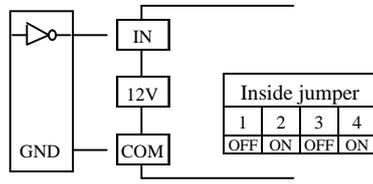
Sensor input(PNP 12V)

Sensor
IN
12V
COM

Inside jumper			
1	2	3	4
OFF	ON	OFF	OFF

Sensor input(NPN 12V)

Sensor
IN
12V
COM

Inside jumper			
1	2	3	4
ON	OFF	OFF	OFF
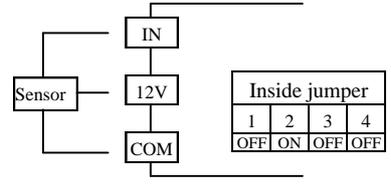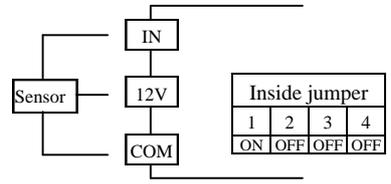
Alarm output control mode description

N(MANUAL): When count value equal setting value the relay ON & continue count until reset by panel or connect terminal then relay OFF & count value return to RST setting value

R(RETURN): When count value equal setting value the relay ON & continue count until relay action time out then relay OFF & count value return to RST setting value

C(CONTINUE): When count value equal setting value the relay ON & count value return to RST setting value then continue count & relay action time out the relay OFF

N/R/C control mode is according to AL1 setting value

WARN When count to [AL1 value(digit 1~4) - warn value(digit 5~6)] RELAY 2 ON, count to AL1 value RELAY 1 ON

Key introduce	Operation Manual
Ⓔ Key Function	1.In normal display,The key function is call out setting page 2.In parameter setting page,The key function is data Enter , and goto next page
RST Key Function	1.The key function is count value retuen to RST value & relay OFF
AL SEL Key Function	1.In normal display,The key function is change alarm value & alarm indicate display
Per digit ▲/▼ Key Function	1.In normal display,according to alarm indicate press per digit ▲/▼ key setting per alarm value 2.Into parameter setting page,If need modify data can press per digit ▲/▼ key into setting procedure ,The parameter data will increment /decrement. (Key Response about 0.2 sec)
Digit 1 ▲&▼ Key Function	In setting page press digit 1 ▲&▼ key return normal display,but if in setting page the modify data will be lost
No Key in anything	In setting page no key in anything about 2 minutes,return normal display,but if in setting page the modify data will be lost

Step	Parameter Mark Description	Parameter Mark	Operation Manual
1	Normal display	1 2 3 4 5 6 1 2 3 4 5 6	Press Ⓔ/FUNC key into P.COD setting page
2	P.COD(Pass code input page)	P.Cod 000000	1.Key in 6 digit pass code with per digit ▲ or ▼ key 2.Press Ⓔ key,the pass code is right into setting page , otherwise return normal display
3	TYPE(Input Type setting page) Default=1U2D	tYPE 1U2d	1.Decide input type with digit 1 ▲ or ▼ key (1U2D/1P2D/1A2B) 2.Press Ⓔ key enter data and into WARN setting page
4	WARN(Pre-Warn) Default = NO	WArn no	1.Decide pre-warn mode with digit 1 ▲ or ▼ key(NO,YES) 2.Press Ⓔ key enter data and into RST setting page
5	RST(Reset Value) Default=0	rSt 000000	1.Decide reset value with per digit ▲&▼ key(-199999~999999) 2.Press Ⓔ key enter data and into DP setting page
6	DP(Decimal Point) Default=0	dP 000000	1.Decide decimal point with digit 1 ▲&▼ key(0~5) 2.Press Ⓔ key enter data and into SCALE setting page
7	SCALE(Display Scale) Default=1	SCALE 1.00000	1.Decide display scale with per digit ▲&▼ key(0.00001~9.99999) 2.Press Ⓔ key enter data and into OP.MODE setting page
8	OP.MODE(Output Mode) Default=N	oP.modE n	1.Decide output mode with digit 1 ▲&▼ key(N,R,C) 2.Press Ⓔ key enter data and into ACT.T setting page
9	ACT.T(Active Time) Default=0.1	ACt.t 00000.1	1.Decide active time with digit 1~3 ▲&▼ key(0.1~99.9 sec.) 2.Press Ⓔ key enter data and into CODE setting page
10	CODE(Pass Code) Default=0	CodE 000000	1.Decide pass code with per digit ▲&▼ key(0~999999) 2.Press Ⓔ key enter data and into LOCK setting page
11	LOCK(Panel Lock) Default=NO	LoCK no	1.Decide panel lock with digit 1 ▲&▼ key(NO,YES) 2.Press Ⓔ key enter data and return TYPE setting page

Step	Parameter Mark Description	Parameter Mark	Operation Manual
1	Setting alarm 1 value Default=0	1 2 3 4 5 6 1 2 3 4 5 6	1.Press AL/SEL key,until AL1 indicate is light 2.Decide alarm 1 value with per digit ▲&▼ key(-199999~999999) ,no key in any key 5 sec. Auto save data
2	Setting alarm 2 value Default=0	1 2 3 4 5 6 1 2 3 4 5 6	1.Press AL/SEL key,until AL2 indicate is light 2.Decide alarm 2 value with per digit ▲&▼ key(-199999~999999) ,no key in any key 5 sec. Auto save data