

MICROPROCESS PANEL CONTROLLER METER,72x72mm

**MODEL
MA726**



FEATURES

- Accuracy 0.05% F.S. ± 1 digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Thermocouple/Load Cell/Resistor/etc...
- Programmable rate -19999~99999 digit
- Auto zero and hold and maximum hold function
- Four alarm function (optional)
- 16 bit DAC analog output function (optional)
- Digit RS-485 interface function (optional)
- Protection class NEMA4/IP67

1.MODEL:MA726-☐ ☐ -☐ ☐ ☐ ☒ X=NIL(alarm relay output),X=T(alarm transistor NPN output)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Transmitter	NO	Load Cell	NO	Thermocouple	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	DC	11	0~50mV	21	0~99.999uA	41	DC4~20mA	61	2mV/V	71	J(-200~760)°C	0	None	0	None	N	None	A	AC/DC18~60V
B	AC(RMS)	12	0~5V	22	0~999.99uA	42	DC1~5V	62	3mV/V	72	K(-200~1360)°C	1	One	1	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	AC(TRMS)	13	0~10V	23	0~9.9999mA	43	DC4~20mA	63	2mV/V	73	T(-200~395)°C	2	Two	2	DC0~10V	•Modbus mode •256 nodes on bus		•Less 4VA for AC/DC input	
D	Potentiometer	14	0~36V	24	0~99.999mA	44	DC1~5V	64	3mV/V	74	E(-185~990)°C	3	Three	3	•DC4~20mA				
E	Transmitter	15	0~54V	25	0~999.99mA	49	SPECIFIED	69	SPECIFIED	75	R(0~1760)°C	4	Four	9	SPECIFIED	•Two-wire transmitter output (Exciting voltage DC10~36V)			
F	Pt-100(RTD)	16	0~110V	26	0~2.0000A	•41/42 non-exciting DC24V •43/44 exciting DC24V(<25mA)		•61/62 Exciting DC5V(<50mA) •63/64 Exciting DC10V(<50mA)		76	S(0~1760)°C	•Relay contact (AC250V-5A, DC30V-5A)							
G	Thermocouple	17	0~600V	27	0~5.0000A					77	B(200~1800)°C								
H	Load Cell	18	0~1000V	28	0~10.000A					•CJC traceability <±0.5°C(0~70°C)									
R	Resistor	19	SPECIFIED	29	SPECIFIED														

2.SPECIFICATION

- Measuring accuracy :0.05% F.S. ± 1 digit
(23 $\pm 5^\circ\text{C}$) 0.2% F.S. ± 1 digit(AC(RMS))
0.2% F.S. $\pm 0.5^\circ\text{C}$ (CJC)(Thermocouple)
- Sampling time :16cycles/sec.
- Readout range :-19999~99999 digit adjustable
- Alarm delay time :0~99 second adjustable
- Alarm action :HI or Lo adjustable
- Relay contact output :AC250V-5A,DC30V-5A
- Transistor output :Photo couple of open-collector(Max.DC30V/40mA)
- 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 : "00"~"FF"(0~255)
- RS-485 baud rate :19200/9600/4800/2400 selective
- RS-485 protocol :Modbus RTU mode
- Temp. coefficient :50ppm/ $^\circ\text{C}$ (0~50 $^\circ\text{C}$)
- Display :Red high efficiency LEDs high 10.16mm(0.4")
- Parameter setting :Touch switches
- Memory mode :Non-volatile E²PROM memory
- Dielectric strength :2KVac/1 min.(input/output/power)
1600Vdc(input/output)
- Operating condition :-10~55 $^\circ\text{C}$ (20 to 90% RH non-condensed)
- Storage condition :-25~70 $^\circ\text{C}$ (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

