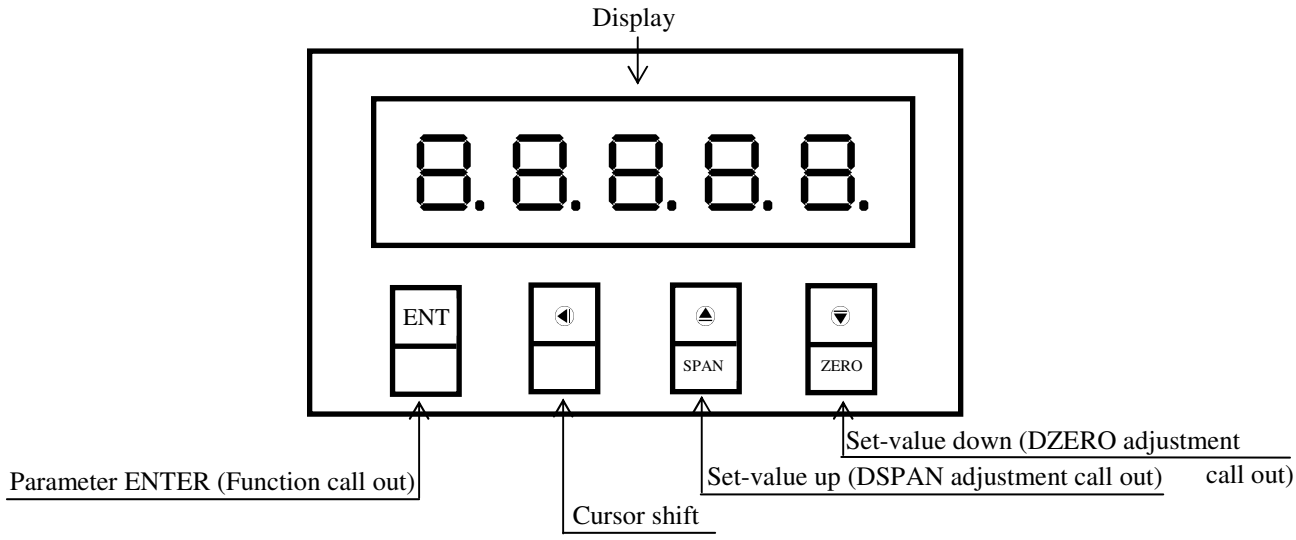
AXE MICROPROCESS 5 DIGITAL PANEL METER(24X48mm) MA24-LL series

■Features

◎Measuring DC 4~20mA, No power require
◎Accuracy 0.05% F.S. ±1 digit.
◎Display range -19999~99999 can be modified
◎Decimal point can be modified
◎Display average can be modified (1~20).
◎FLASH memory saving, data safekeeping about 10 years.
◎Modified inside parameter, must have pass code.
◎Man-machine interface ,easy to operate.

■Name of Parts



Key Introduce	Operation Manual
ENT 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 go to next page
◀ Key Function	Into parameter setting page, the parameter mark & data is alternate display, If need modify data can press shift key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again, the cursor(twinkle express)is cycle moving left. (Key Response about 0.2 sec)
▲ Key Function	1.In normal display, The key function is call out adjustment display value DSPAN page 2.Into parameter setting page, the parameter mark & data is alternate display, If need modify data can press up key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again, the parameter data will increment. (Key Response about 0.2 sec)
▼ Key Function	1.In normal display, The key function is call out adjustment display value DZERO page 2.Into parameter setting page, the parameter mark & data is alternate display, If need modify data can press down key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again the parameter data will decrement. (Key Response about 0.2 sec)
▲&▼ Key Function	In setting group or setting page press ▲&▼ key return normal display, but if in setting page the modify data will be lost
No Key in anything	In setting group or 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	12345	Press ENT key into P.COD setting page
2	P.COD(Pass code input page)	P.Cod 00000	1.Key in 5 digit pass code with ◀ or ▲ or ▼ key 2.Press ENT key, the pass code is right into DP setting page, otherwise Return to normal display
3-1	DP(Decimal Point) Default=0	dP 0	1.Decide decimal point position with ▲ or▼ key (0 to 4) 2.Press ENT key enter data and into DSPL setting page
3-2	DSPL(Display Low Scale) Default=0	dSPL 00000	1.Decide display low scale with ◀&▲&▼ key (-19999~99999) 2.Press ENT key enter data and into DSPH setting page
3-3	DSPH(Display High Scale) Default=99999	dSPH 99999	1.Decide display high scale with ◀&▲&▼ key (-19999~99999) 2.Press ENT key enter data and into AVG setting page

3-4	AVG (Average) Default=5	AVG 0001	1.Decide display Average times with ◀&▲&▼ key (1~20) 2.Press FN key enter data and into LCUT setting page
3-5	LCUT (Low Cut) Default=0	LCUt 00000	1.Decide display low cut with ◀&▲&▼ key (0~999) 2.Press FN key enter data and into CODE setting page
3-6	CODE(Pass Code) Default=0	CodE 00000	1.Decide Pass code with ◀&▲&▼ key (0~99999) 2.Press FN key enter data and return to normal display
Step	Parameter mark description	Parameter mark	Operation manual
4	Normal display	12345	Press▼ key about 3 sec, into DZERO adjustment page
4-1	DZERO(Display Zero Adjust)Default=0	dZEro 00000	1.Adjustment display zero with ▲ or ▼ key 2.Press FN key enter data and return to normal display
Step	Parameter mark description	Parameter mark	Operation manual
5	Normal display	12345	Press▲ key about 3 sec, into DSPAN adjustment page
5-1	DSPAn(Display Span Adjust)Default=0	dSPAn 00000	1.Adjustment display span with ▲ or ▼ key 2.Press FN key enter data and return to normal display
Appendix	Error Mark Description	Error Mark	Analyze & Description
1	Input over error detect	I oFL	Input signal over range (120%)
2	Input under error detect	-I oFL	Input signal under range (-20%)
3	Display over error detect	doFL	Display over range (99999)
4	Display under error detect	-doFL	Display under range (-19999)
5	A/D Converter error detect	AdEr	1. Input signal over range (180%) 2. Inside circuit damage Please moving input signal if still display ADER, please contact us
6	FLASH error detect	E-00 no YES	FLASH write over 100 thousand times (guarantee 10 years) Please power reset, if still display E-00,doing following step: 1. E-00 & No alternate display for inquire reset FLASH 2. Decide Yes with ▲ or ▼ key, press FN key return normal display 3.Parameter was reset, Please follow step set again