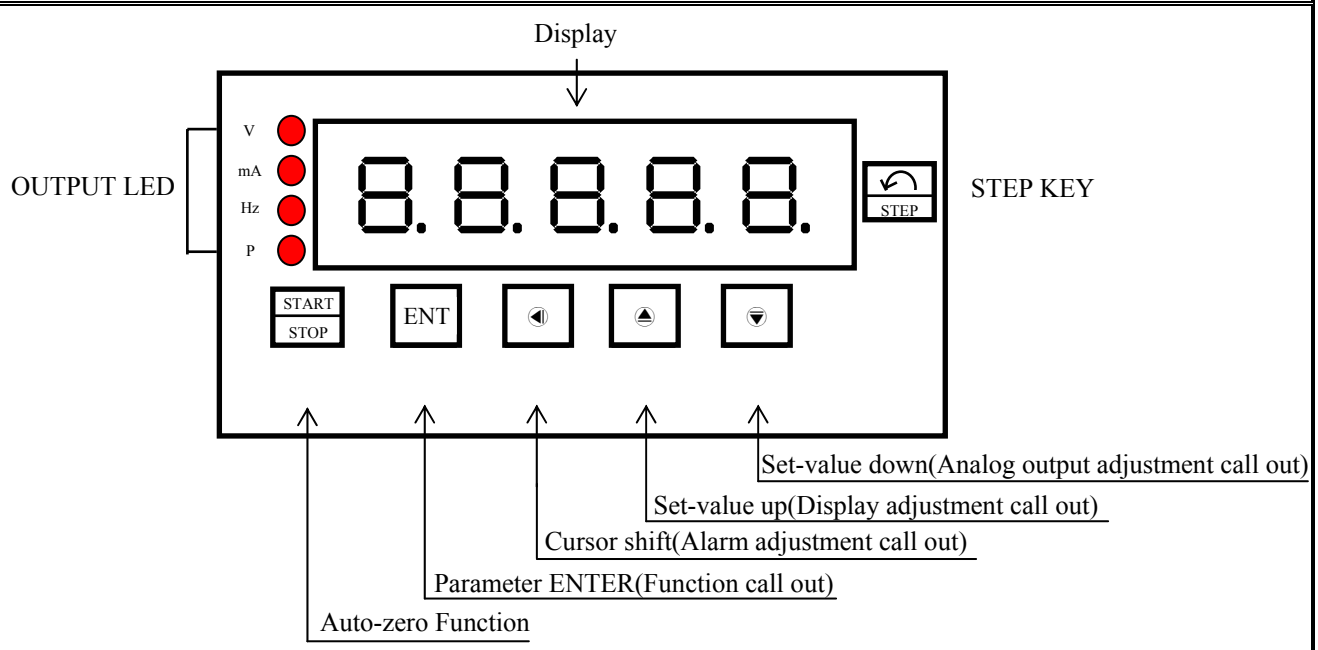
AXE Microprocessor DC mA/V, Frequency/Pulse Signal Generator MDFG Series

■ FEATURES

◎Display and generator DC V,DC mA, Frequency, Pulse signals
◎Accuracy 0.05% F.S.±1 digit
◎High resolution 15Bit DAC output
◎Analog output range 0~20.000mA/0~10.000V
◎Frequency range 10~4.000KHz or 0~10000 Pulse
◎Analog output can be adjust, STEP function can be programmable
◎0.56" LED highlight display
◎EEPROM Saving, data safekeeping about 10 years
◎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 group 2. In parameter setting page, The key function is data Enter , and goto next page
◀ Key Function	1. 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 Function	1. 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 Function	1. 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
STEP Key Function	Press STEP key, output will step down(depend on STEP value in percent), key response about 0.2 sec
START/STOP Key Function	Press START/STOP key will active output(output led will on), again will stop output(output led will off), 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

Step	Parameter Mark Description	Parameter Mark	Operation Manual
1-1	Normal display	12345	Press ENT/FUNC key into P.COD setting page
1-2	TYPE(Output Type) Default = V	tYPE V	1.Press▲&▼key select input mode (V, mA, HZ, PULSE) 2. Press ENT key enter data and into STEP setting page
1-3	STEP(Step Percent) Default = 50.0	StEP 50.0	1. Press◀&▲&▼key select output step (0~100.0%) 2. Press ENT key enter data and into COUNT setting page
1-4	COUNT(Pulse Output Count) Default = 1	Count 1	1.以◀&▲&▼key select output pulse number(1~10000) 2. Press ENT key enter data and into ZERO setting page

1-5	VZERO(Vol. ZERO Adjustment) Default = 0	uPEr0 0	1.Press◀&▲&▼key select voltage ZERO adjustment (-9999~9999) 2. Press ENT key enter data and into VSPAN setting page
1-6	VSPAN(Vol. SPAN Adjustment) Default = 0	uSPAn 0	1.Press◀&▲&▼key select voltage SPAN adjustment (-9999~9999) 2. Press ENT key enter data and into ZERO setting page
1-7	AZERO(AMP ZERO Adjustment) Default = 0	APEr0 0	1.Press◀&▲&▼key select current ZERO adjustment (-9999~9999) 2. Press ENT key enter data and into ASPAN setting page
1-8	ASPAN(AMP SPAN Adjustment) Default = 0	ASPAn 0	1.Press◀&▲&▼key select current SPAN adjustment (-9999~9999) 2.Press ENT key return normal display
Step	Parameter mark description	Parameter mark	Operation manual
2-1	Select output value	12345	1.In normal display, Press◀&▲&▼key select output value(output range depend on output type) 2.Press ENT key will update output
Appendix	Error Mark Description	Error Mark	Analyze & Description
3	EEPROM error detect	E-00 no YES	1. External interference when EEPROM read/write 2. EEPROM write over 100 million times(guarantee 10 years) Please power reset, if still display E-00,doing following step: 1. E-00 & No alternate display for inquire reset EEPROM 2. Decide Yes with▲or▼key, press ENT key return normal display 3.EEPROM was reset, Please follow step 1~2 set again