4 DIGITAL MICRO-PROCESS METER

GA4

UNIT

(F

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 (F)

■ FEATURES:

- Multiple Input/display selectable
- CE approval
- •Max. Hold/ Data Hold/ Reset
- High stability, non-flammable case (PC), high safety
- •0.8" high brightness LED display range:-9999~9999, decimal point selectable
- Measuring AC, DC Voltage/AC, DC Current/Potentiometer/Resistor/PT-100/Load Cell
- •Accuracy:±0.1% F.S.,±1 digit (DC /Potentiometer/Resistor/PT-100/Load Cell)
- ±0.2% F.S.,±1 digit (AC)
- Can buy waterproof one, can reach IP 65 grade



94.0mm

 $F \textcircled{1} \Box \Box \Box \nabla$

Gross Weight:

<0.2A at 1V

< 0.3 Kg



	2.2 A	LARM SET	POINT MODIFICATION		3.1 SYS	TEM(SYS)	SETTING GROUP PROCEDURE	Display	Default	Name	Descriptions
* In the measuring status , press (for 3 sec can enter to Alarm				* While pass code is correct, press <a>[] can select system setting group.						Function	Range:TEST(panel test)AZ (display reset
Display	Default	Name	Descriptions	Display	Default	Name	Descriptions	FEES	R2	Key Setting	to Zero), Max (Max hold), HD(date hold), ALrSt(Reset Alarm)
	пппп	Alarm 1	1.Example:present value 100.0, if AL1 50.0 is			Input	1. Example: set il to display input l	PRESS (C)		(FKEY)	2. Press ENT to save the value and go to
PRESS 🕲 🗡	0000	(AL1)	required, All must be set at 50.0 °		1	Select	% This setting is suitable for multi-input.	EndE	пппп	Pass Code	1. To enter the parameter setting and modify the pass code
RL2	пппп	Alarm 2 Setpoint	Range: -9999-9999 2.Press ENT to save the value and go to next	PRESS		(iP. SEL)	2. Press ENT to save the value and go to next parameter.		0000	Setting (CodE)	Range: 0~9999 (Please do remeber new Pass Code)
PRESS 🕲 🗡	0000	(ÅL2)	parameter.			Display	1. Instruction: This is suitable for unsteady signal. The bigger setting			Key Lock	1. Setting YES to lock all keys (except
	6 4	2.3 DISPI	AY SETTING		0005	Average Setting	value, more steady display value with slower reaction. Range: 1~99 (times)	LoEĽ	по	Setting	Range: no (do not lock), YES (lock)
* In the measuring status, press 🛆 for 3 sec can enter to Display						(AvG)	2. Press ENT to save the value and go to the next parameter.	PRESS 🕲 🗡		(LoCK)	next parameter.
Display	Default	Name	Descriptions			Display	1. Example: if require the display value 0 while value is under 10, then setting			Save The	1. Insturction: Setting YES(open) to save (AZ, MAX, HD) fuctions to EEPROM
		Display	 Example for Zero Band adjustment: when setting input 0V, if display is 3, please 			Setting	value shall be 10 ° Range: 0~99		<i>4</i> E5	Status Setting	<pre>%Select NU:This can avoided EEPROM over-write. Range: no(do not open) VES(open)</pre>
	0000	Setting (doFSt)	input 3 to correct the deviation Range : -9999-9999	PRESS C		(LCUt)	2. Press ENT to save the value and go to the next parameter.	PRESS C		(SAVE)	2. Press ENT to save the value and go to next parameter.
		(00101)	2. Press ENT to save the value and go to next parameter.				Example: (Zb range:0 9.999) 1. Input 4-20mA display 0-600. Obar		3.2 AL	RM(ROP)	SETTING GROUP PROCEDURE
dGR in	0000	Display Gain Setting (dGAin)	setting input IOV, if display is 99.8, Value ÷ actual value =dGAin, 100 ÷ 99.8 = 1.002 (please setting 1.002)	Press (©) ↓	0000	Zero Band Setting (Zb)	Required stationary value is 1.0bar	* While pas	s code is c	orrect, pres	ss 🕣 can select Alarm output
PRESS 🕼 😾							Calculation: (permille)	setting gro Display	Default	Name	Descriptions
			the next parameter.				$1.0 \div 600.0 \times 1000 = 1.666 \text{ (Zb)}$		H	AL1 Action	
	пппп	Decimal Point Sotting	display 100.0 to 10.00, please change the setting from 1 to 2				% while the value within the stationary range of Zoro Bond fixed the Zoro Bond outcometically			Setting	Alarm Setpoint, setting L0 lower than
PRESS 🕲 🛡	0000	(dP)	2. Press ENT to save the value and go to the next parameter.	Press @ ↓		Zero Tracking Time Setting	Instruction:	ACL2		AL2 Action	Alarm setpoint. Range: Hi (≧Alarm setpoint on), Lo (≤larm setpoint on)
	0000	Display Low Scale Setting (dSPL)	 Ex: Setting 10 for display low scale 10 while input is 0V Range: -9999-9999 Press ENT to save the value and go to 		пппп		l.If display reach Zb range, the display		_l Hi'	Setting	2. Press ENT to save the value and go to next parameter.
					0000		value swill track after this setting.	•		(ACT2)	1. Instruction: Setting YES to lock alarm and display lise FKEY
		Disalar Hi	the next parameter. 1. Ex: Setting 100 for display Hi Scale 100		(Zdt)	Range:0~99 (sec)	LREEH	na	Alarm Action	(Alarm reset) to reset the Alarm.	
<u>dSPH</u>	9999	Scale Setting	while input 10V. Range: -9999~9999		Input	Example: (Hb Range: 0~9.999)	PRESS 🕲 🗸		(LAtCH)	2. Press ENT to save the value and go to	
PRESS 🕲 🛡		(dSPH)	Press ENT to save the value and go to the next parameter.			Holding	stabilized value is 0.5bar Stabilized			AL1Hyster	1. After setting alarm action HI,
	2.4 ERROR CODE OF SELF-DIAGNOSIS				0000	Setting (Hb)	range is input value ±0.5 bar Calculation: (permille↓)	H951 PRESS ()	0000	Setting	setpoint - HYS to close alarm.
**In case no connection to specific specification (RTD, load							Required stabilized value \div Hi input display value $\times 1000 = \text{Hb}$			AL2Hyster	display must higher than alarm setpoint + HYS to close alarm.
Display Descriptions							%I f display reach input holding band, this display		0000	esis Setting	Range: 0~99 3. Press ENT to save the value and go to
Input signal is over 150% of input range.						Input	value will stabilize input signal after this setting. Instruction:			(HYS2) AL1 RUN	next parameter.
Input signal is under -140% of input range.				HdL PRESS (©)	0000	Holding Time Setting	1. If display reach Hb stabilized tracking range, will track after this setting.		UUUU	Delay Setting	at 5 sec., While display reach alarm setpoint, the action will be execute
Refe Input signal is over 180% of input range or meter error.							(P.S.: This function must use with Hb together)		пппп	AL2 RUN	after 5 sec. Range: 0~99 (sec)
I I I I D U C C C C C C C C C C				V		(Hdt)	Range: 0~99 (sec) 1. Example: Range: 0, 1, 2, 5		UUUU	Setting (dEL2)	2. Press ENT to save the value and go to next parameter.
				PRESS (D)	0000	Filter Setting	If setting 1 digit in ones place display 1,2,3,4(normal display) If setting 2 digit in ones place display 2,4,6 (even number display)	56		AL Start	1. Instruction: Setting 5, if display value do not over 5, alarm will not be turned on.
-doFL Input signal is under display range(-9999).							If setting 5 digit in ones place display 0,5(mutipl display of 5) If setting 0 digit in ones place display 0(digit in			Band Setting	Range: -99-99 2. Setting 5 if display display value higher that Science will be turn on often Sit setting
input signals. If this cannot solve your problem, please					9999	Display Overflow Value Setting	I. Ex: Display Hi scale is 1000 · Setting 1100			(Sb)	This function are use to avoid possible errors caused by high inrush current (starting current)
contact	contact with your distributor.						Range: 0~9999 2. Press ENT to save the value and go to the			AL start	1. If display value reach Alarm Start Band, alarm
(about 1 million times).				<u>Sqrt</u>	ו	(DoFLv.) Roof Square	next parameter.	PRESS © ↓	0000	Delay Time	P.S.: this function must use with "Sb" together.
"ENT" to save. If the problem (E-00) continues to occur,						Function	Square Function. Rage: no (do not open), YES (open)			Setting (Sdt)	Range: 0~99 (sec.) 2. Press ENT to save the value and go to next
please contact with your distributor.						(Sqrt)	Z. Fress ENT to save the value and go to the next parameter.	014		(Sul)	parameter.
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