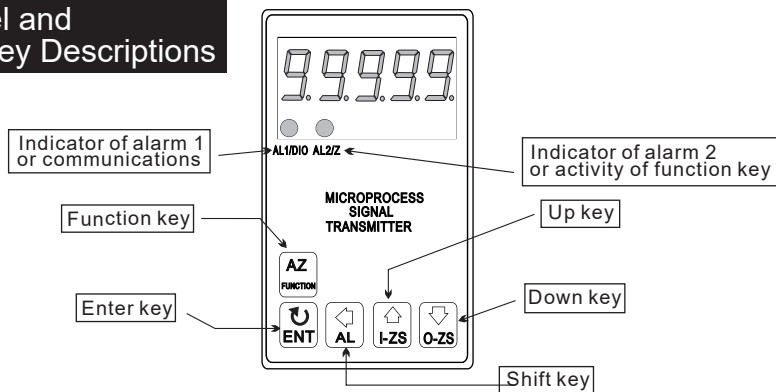


Front Panel and Function Key Descriptions



Key Name	Symbol	Descriptions
Function Key (Zero)	⓪	In measurement status, press function key can active/inactive zero function.
Enter Key	ENT	In measurement status, press enter key to enter main setting page, In setting status, press enter key to save the parameter.
Shift Key	⇐	In setting page, press shift key to enter the setting status, In setting status, press shift key to shift the setting digit.
Up Key (Display Setting)	⬆	In measurement status, press up key for 3 seconds to enter display value setting, In setting page, press up key to jump to last page. In setting status, press up key to add 1 for setting digit.
Down Key (Linear Output Setting)	⬇	In measurement status, press down key for 3 s to enter linear output value setting, In setting status, press up key to jump to next page. In setting status, press up key to minus 1 for setting digit.
Leave Key	⬆+⬇	In any status, press up and down key to jump to measurement status.

Display Value Setting

Name	Descriptions	Default
Measurement Status		
Display Value Offset Setting (doFSt)	Display Value will deduct this value. Setting range: -19999-99999	00000
Display Value Gain Setting (dGAin)	Display Value will be multiplied by this value. Setting range: 0.0001-9.9999	0.1000
Decimal Point Setting (dP)	Set the position of decimal point to this setting. Setting range: -19999-99999	0
Display Value Low Scale Setting (dSPL)	Display Value will be this value when input the minimum signal. Setting range: -19999-99999	00000
Display Value High Scale Setting (dSPH)	Display Value will be this value when input the maximum signal. Setting range: -19999-99999	99999

Linear Output (A/O) Value Setting

Name	Descriptions	Default
Measurement status		
A/O 1 Value Offset Setting (AoFS1)	Linear Output signal will shift with this value at zero point. Setting Range: -99999-99999	00000
A/O 1 Value Gain Setting (AGAi1)	Linear Output signal will shift with this value at span point. Setting Range: -99999-99999	00000
A/O 1 Value Low Scale Setting (AnLo1)	Linear Output signal will be the zero value when display value equal this value. Setting Range: -99999-99999	00000
A/O 1 Value High Scale Setting (AnHi1)	Linear Output signal will be the span value when display value equal this value. Setting Range: -99999-99999	99999
A/O 1 Value Offset Setting (AoFS2)	Linear Output signal will shift with this value at zero point. Setting Range: -99999-99999	00000
A/O 1 Value Gain Setting (AGAi2)	Linear Output signal will shift with this value at span point. Setting Range: -99999-99999	00000
A/O 1 Value Low Scale Setting (AnLo2)	Linear Output signal will be the zero value when display value equal this value. Setting Range: -99999-99999	00000
A/O 1 Value High Scale Setting (AnHi2)	Linear Output signal will be the span value when display value equal this value. Setting Range: -99999-99999	99999
A/O 1 Simulation Output Setting (SiMu)	Set this parameter to yes to enable the A/O 1 simulation output function. Setting Range: Yes, No	no
A/O 1 Simulation Value Setting (SiMuL)	Simulation linear output value will be this value according to AnLo1 and AnHi1 Value. Setting Range: 0-99999	00000

Alarm Output Setting

Name	Descriptions	Default
Measurement status		
Alarm Point 1 Setting (AI1)	Alarm Output when display value reach this value. Setting Range: -99999-99999	00000
Alarm Point 2 Setting (AI2)	Alarm Output when display value reach this value. Setting Range: -99999-99999	00000

Error Code of Self-Diagnosis

- 1.0FL Input signal over 120%
- 1.0FL input signal over -120%
- RdEr input signal over 180% or circuit destruction
- doFL Input signal out of display range(99999)
- doFL Input signal out of display range(-19999)
- E-00 EEPROM Error

# System Setting

	Name	Descriptions	Default
Power On	Measurement Status		
Press:ENT	10000		
Press:ENT	PCod	Pass Code (P.Cod)	00000
Press:ENT	Pass Code Correct	If pass code correct, it will enter setting page group, else, it will jump to measurement status.	
NO			
YES	SYS	System Setting Group (SYS)	
Press:ENT	AVG	Display Value Average Times Setting (AVG) Average times can smooth the display value. Setting Range: 1-99	000 10
Press:ENT	LCUt	Display Value Low Cut Setting (LCUt) If display value lower than this value, display value will be zero. Setting Range: 0-9999	00000
Press:ENT	Zb	Zero Band Setting (Zb) Display value will be zero when variation value less than a tracking value, Zero Band Value = (Tracking Value/Maximum Display Value) X 1000 Setting Range: 0.000-9.999	00000
Press:ENT	Zdt	Zero Tracking Time Setting (Zdt) Zero band function will be executed after this setting time, Setting Range: 0-99 (s)	00000
Press:ENT	Hb	Input Holding Band Setting (Hb) Display value will be stable when variation value less than a tracking value, Holding Band Value = (Tracking Value/Maximum Display Value) X 1000 Setting Range: 0.000-9.999	00000
Press:ENT	Hdt	Input Holding Tracking Time Setting (Hdt) Holding band function will be executed after this setting time, Setting Range: 0-99 (s)	00000
Press:ENT	Filt	Display Value Filter Setting (FiLt) Display value will be changed when variation value equal this value. Setting Range: 1, 2, 5, 0(10)	1
Press:ENT	doFLv	Display Overflow Setting (doFLv) Display value will be "doFLv" when display value exceed this value. Setting Range: 0-99999	99999
Press:ENT	Sqrt	Display Value Roots Setting (Sqrt) Set to yes to enable the root function, display value will be rooted to show. Setting Range: Yes, No	no
Press:ENT	diSP	Display Value Setting (diSP) Setting display value. Setting Range: RATE (input value), AI1 (alarm point 1), SIMUL (simulation value)	rAtE
Press:ENT	indi	Indication LED Setting (indi) Setting indication LED. Setting Range: FKEY (function key status), AI2 (alarm 2 action status)	FKEY
Press:ENT	FKEY	Function Key Setting (FKEY) Setting function of function key. Setting Range: AZ (zero display value), MAX (hold max display value), HD (hold display value)	AP
Press:ENT	CodE	Pass Code Setting (CodE) Setting pass code. Setting Range: 00000-19999	00000
Press:ENT	LoCK	Panel Key Lock Setting (LoCK) set to yes to lock the panel key, just enter key can be used. Setting Range: Yes, No	no

# Output Setting

	Name	Descriptions	Default
SYS	Alarm Output Setting Group (roP)	Press shift key to select at "SYS" page.	
Press:ENT	roP		
Press:ENT	Act1	Alarm Output 1 Action Direction Setting (Act1) If setting Hi, alarm execute when display value is greater then alarm point, else, alarm execute when display value is less then alarm point. Setting Range: Hi, Lo	Hi
Press:ENT	Act2	Alarm Output 2 Action Direction Setting (Act2)	
Press:ENT	HYS1	Alarm Output 1 Hysteresis Setting (HYS1) Alarm execute when display value reach alarm point + this value, Setting Range: 0-9999	00000
Press:ENT	HYS2	Alarm Output 2 Hysteresis Setting (HYS2)	
Press:ENT	dEL1	Alarm Output 1 Action Delay Setting (dEL1) Alarm execute after this value. Setting Range: 0-99(s)	00000
Press:ENT	dEL2	Alarm Output 2 Action Delay Setting (dEL2)	
Press:ENT	Sb	Alarm Output Start Band Setting (Sb) Alarm execute when display value exceeds this value. Setting Range: -99-99	00000
Press:ENT	Sdt	Alarm Output Start Delay Time Setting (Sdt) Alarm start to run after this value. Setting Range: 0-99(s)	00000
Press:ENT			
Press:ENT	RoP	Linear Output Setting Group (AoP)	Press shift key to select at "SYS" page.
Press:ENT	PoLA1	Linear Output 1 Polarity Setting (PoLA1) Set Yes to enable the polarity function of linear output Setting Range: Yes, No	no
Press:ENT	PoLA2	Linear Output 2 Polarity Setting (PoLA2)	
Press:ENT			
Press:ENT	doP	Communication Setting Group (doP)	Press shift key to select at "SYS" page.
Press:ENT	Addr	Device Address Setting (Addr) Setting device address. Setting Range: 0-255	00000
Press:ENT	bAUd	Baud Rate Setting (bAUd) Setting baud rate Setting Range: 38400, 19200, 9600, 4800 (bps)	38400
Press:ENT	PARi	Parity Setting (Pari) Setting parity check, Setting Range: n82, n81, Even, Odd	n.8.2
Press:ENT	FrAnE	Frame Setting (FrAnE) Setting data frame, Setting Range: Yes (LSB to MSB), No (MSB to LSB)	no