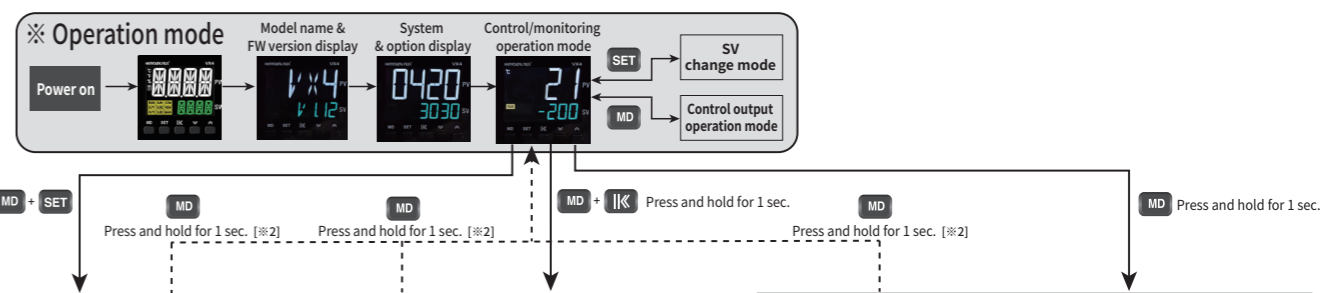
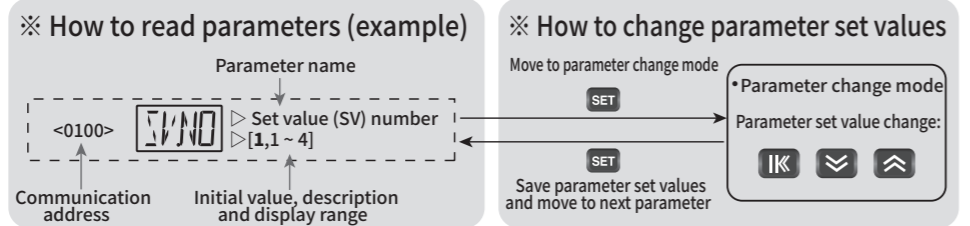


Parameter configuration



Full Menu: press and hold MD + SET for 1 sec.

Basic Menu: press and hold MD + IKK for 1 sec.

Simple menu: press and hold MD for 1 sec.

Group	Parameter	Description	Range	
SV group	<0100> SVND	Set value (SV) number	[1,1 ~ 4]	
	<0101> SV-H	Set value (SV) high limit	[1370, refer to input range]	
	<0102> SV-L	Set value (SV) low limit	[-200, refer to input range]	
	<0103> SV-1	Set value 1 (SV 1)	[-200, refer to input range]	
	<0104> SV-2	Set value 2 (SV 2)	[-200, refer to input range]	
	<0105> SV-3	Set value 3 (SV 3)	[-200, refer to input range]	
	<0106> SV-4	Set value 4 (SV 4)	[-200, refer to input range]	
	<a+0> nP	n. proportional band (heating)	[EUS 5.0%, ※1]	
	<a+1> nI	n. integral time (heating)	[240, OFF or 1 ~ 6000]	
	<a+2> nD	n. derivative time (heating)	[60, OFF or 1 ~ 6000]	
CONTROL group	<0200> ATND	Auto-tuning mode	[STND, STND or LOW]	
	<0207> AT	Auto-tuning (AT)	[OFF, OFF or ON]	
	<0208> ARW	Anti-reset wind-up (ARW)	[Auto, Auto or 50.0 ~ 200.0]	
	<0209> ALPA	Alpha	[50, 0 ~ 100]	
	<a=0210> 1.PID	1.PID group		
	<a=0219> 2.PID	2.PID group		
	<a=0228> 3.PID	3.PID group		
	<a=0237> 4.PID	4.PID group		
	<0246> RMP	Ramp-up	[OFF, refer to input range]	
	<0247> UPTM	Ramp-up time	[01.00, 00.01 ~ 99.59]	
ALARM group	<0300+(n-1)x4> AL-n	Alarm n type	[※1, 0 ~ 13]	
	<0301+(n-1)x4> AL-n	Alarm n value	[※1]	
	<0302+(n-1)x4> AL-n	Alarm n deadband	[1, ※1]	
	<0303+(n-1)x4> AL-n	Alarm n output hold status	[RST, RST or SET]	
	<0316> LBTM	Loop break alarm time	[480, 0 ~ 7200]	
	<0317> LBSV	Loop break alarm set value	[2, EUS 0.0 ~ 5.0%]	
	<0318> LBD	Loop break alarm deadband	[2, EUS 0.0 ~ 5.0%]	
	<0319> LBS	Loop break alarm output hold status	[RST, RST or SET]	
	<0320> HB-1	Heater break alarm 1 set value	[OFF, 1.0 ~ 50.0]	
	<0321> HDB-1	Heater break alarm 1 deadband	[0.5, 0.1 ~ 50.0]	
TRANS group	<0400> RETT	Retransmission output type	[PV, PV/SV/MV]	
	<0401> T-SH	Retransmission output high limit	[1370, ※1]	
	<0402> T-SL	Retransmission output low limit	[-200, ※1]	
	<0403> T-AH	Retransm. output high adjust. value	[0, ※1]	
	<0404> T-AL	Retransm. output low adjust. value	[0, ※1]	
	<0405> REME	Enable remote input	[OFF, OFF or ON]	
	<0406> REMH	Remote input high limit	[5.000, 1.000 ~ 5.000]	
	<0407> REML	Remote input low limit	[1.000, 1.000 ~ 5.000]	
	<0408> R-SH	Remote input high scale value	[1370, ※1]	
	<0409> R-SL	Remote input low scale value	[-200, ※1]	
SUB group	<0500> SUB1	Sub 1 output type	[ALM1, ※1]	
	<0501> SUB2	Sub 2 output type	[ALM2, ※1]	
	<0502> SUB3	Sub 3 output type	[ALM3, ※1]	
	<0503> SUB4	Sub 4 output type	[ALM4, ※1]	
	<0504+(n-1)x4> AN-n	Alarm n ON delay time	[0, 0 ~ 999]	
	<0505+(n-1)x4> AN-n	Alarm n OFF delay time	[0, 0 ~ 999]	
	<0506+(n-1)x4> AN-n	Alarm n contact type	[N.O, N.O or N.C]	
	<0507+(n-1)x4> AN-n	Alarm n output hold	[OFF, OFF or ON]	
	<0520> LBN	Loop break alarm ON delay time	[0, 0 ~ 999]	
	<0521> LBO	Loop break alarm OFF delay time	[0, 0 ~ 999]	
INPUT group	<0900> INP	Input type	[K0, ※1]	
	<0901> UNIT	Unit	[°C, ※1]	
	<0904> DP-P	Decimal point position	[1, ※1]	
	<0905> SL-H	Scale high limit	[100.0, 1999 ~ 9999]	
	<0906> SL-L	Scale low limit	[0.0, 1999 ~ 9999]	
	<0907> RJC	Reference junction compensation	[ON, OFF or ON]	
	<0908> FILT	Input filter	[OFF, OFF or 1 ~ 120]	
	<0909> BIAS	Input bias	[0, ※1]	
	OUTPUT group	<0800> CNT1	OUT1 control mode	[PID, ON/OFF or PID]
		<0801> CNT2	OUT2 control mode	[PID, NONE/ON/OFF/PID]
<0802> OACT		Control direction	[REV, REV or DIR]	
<0803> CP		Control cycle (OUT1)	[※1]	
<0804> CPC		Control cycle (OUT2)	[※1]	
<0805> HYS1		ON/OFF control hysteresis (OUT1)	[1, ※1]	
<0806> HYS2		ON/OFF control hysteresis (OUT2)	[1, ※1]	
<0807> EO		Emergency output (OUT1)	[0, 0, ※1]	
<0808> EOC		Emergency output (OUT2)	[0, 0, ※1]	
<0809> QL-H		Control output high limit	[100, ※1]	
SET group	<0700> DTM	Digital input mode	[OFF, OFF or ON]	
	<0701> PDM	Operation mode after power on	[RUN, STOP or RUN]	
	<0702> PINT	Parameter initialization	[OFF, OFF or ON]	
	<0703> LOCK	Parameter set value lock	[0, 0 ~ 2]	
	<0704> E2PL	EEPROM lock during operation	[OFF, OFF or ON]	
	<0041> SVV	System data	[0000 ~ FFFF]	
	<0042> OPTD	Option data	[1, ※1]	
	<0045> FVER	Firmware version	[V0.00 ~ Vx.xx]	
	COMM group	<0600> PCK	Communication protocol	[PCK, ※1]
		<0601> BPS	Baud rate	[9.6K, ※1]
<0602> PRT		Parity bit	[NONE, ※1]	
<0603> STOP		Stop bit	[1, 1 or 2]	
<0604> DLEN		Data length	[8, 7 or 8]	
<0605> ADDR		Address	[1, 1 ~ 99]	
<0606> RPTM		Response delay time	[0, 0 ~ 10]	
<0701> PDM		Operation mode after power on	[RUN, STOP or RUN]	
<0703> LOCK		Parameter set value lock	[0, 0 ~ 2]	

※ 1 : Refer to the User's Manual

※ 2 : Key to move to operation mode screen
Press and hold **MD** in the parameter setting screen for 1 sec. to move to operation mode screen

※ 3 : Move to group name display
Press **MD** during parameter display to move to group name (but during parameter display in n.PID, it moves to n.PID).

※ The parameter display differs depending on suffix code options and parameter settings.