

M2000

M2000

PID

使用説明書 V1.0



1.

AC



1.
2.
3.
4.
5.

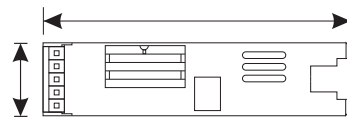
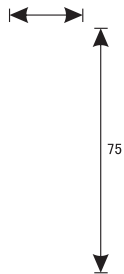
8KG

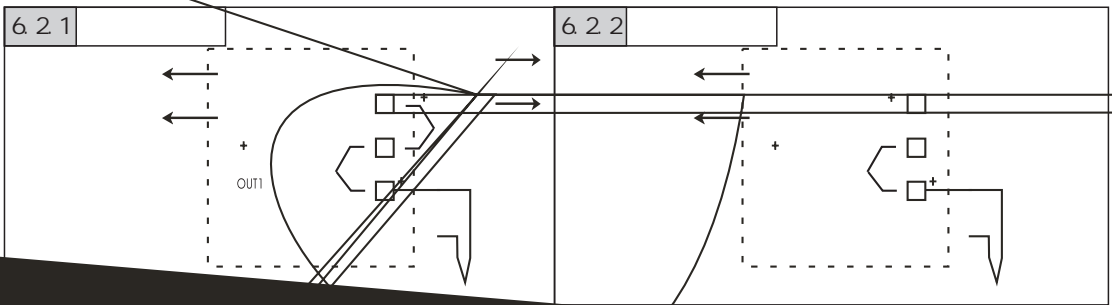
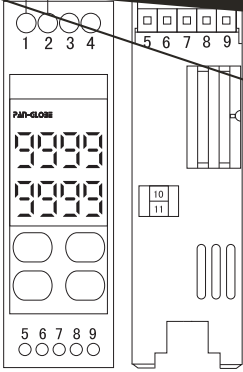
6.
7.

	AC85- 265V, 50/ 60Hz (DC power)		± 0. 2%FS
	5VA Max		T/C PT100
	PI D PD PI P		SSR 4- 20mA SCR
	- 10- 50		
	0- 85%RH		150ms

- (1)
- (2) 2 2 1 2 2 2
- (3) PV SV IW 8
- (4)
- (5)

M- 2000





1.

A SET +◀ LEVEL3
 B I NP ◀ , SV
 C ▲ ▼ ()
 D SET
 E SET +◀ LEVEL1

A SET AL1 , ◀ , SV
 B ▲ ▼ , ◀
 C SET
 D SET LEVEL1

A LEVEL1 PV
 B SET SV
 C

SET (CO1) , ◀ ▲▼ CO1 (0-100.0)

D CX TX QJX " 0"

E 90, 90

F CAL 15 CAL =15

G 0 , STA 1 , PV STA 2 3 ; END ; ST

H SN / SET ▲

I. / ▲ VB (0.1 ~ 10) , VB=0

J. /

K. ON/OFF (3-4) (3-4)

L. (1-2) ;

1. AT

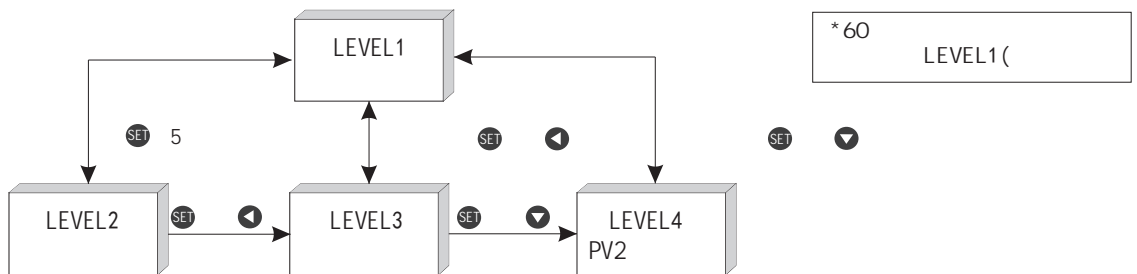
A AT
 B AT
 C 80
 D (STA=0, SV=0.3) AT AT
 E LEVEL1 SET , AT " 1" , AT
 F STA="0" , STA=1 2 3
 G STA α

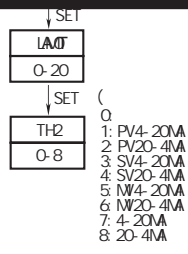
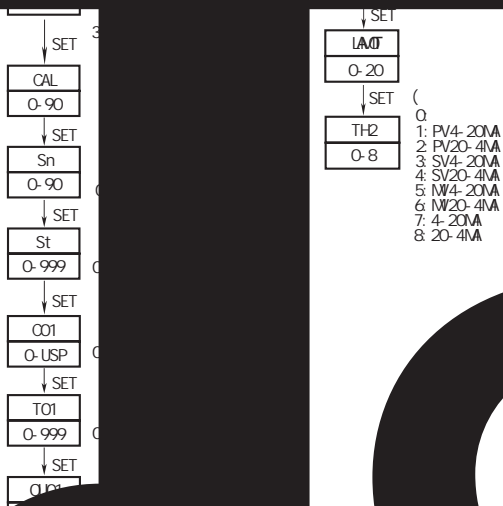
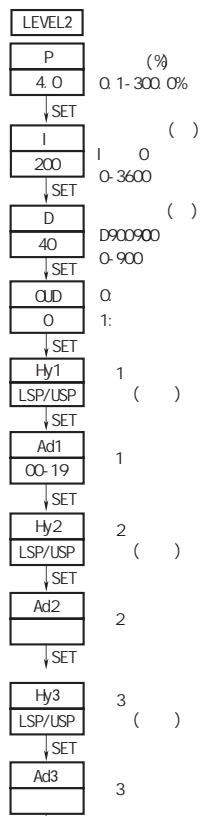
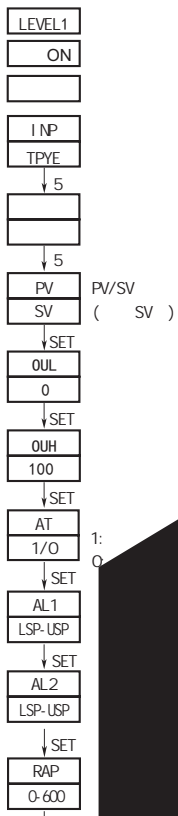
2

1) PID LEVEL1 , SET 5 LEVEL2, SET P, I, D

2) TM, TS1 , TM=USP, TS1 () SET ▼ LEVEL4, SET

3) 90 SET OOX 10(C1X...C10) (C90 C50 C10) PV SV





RA

→ SET
PV

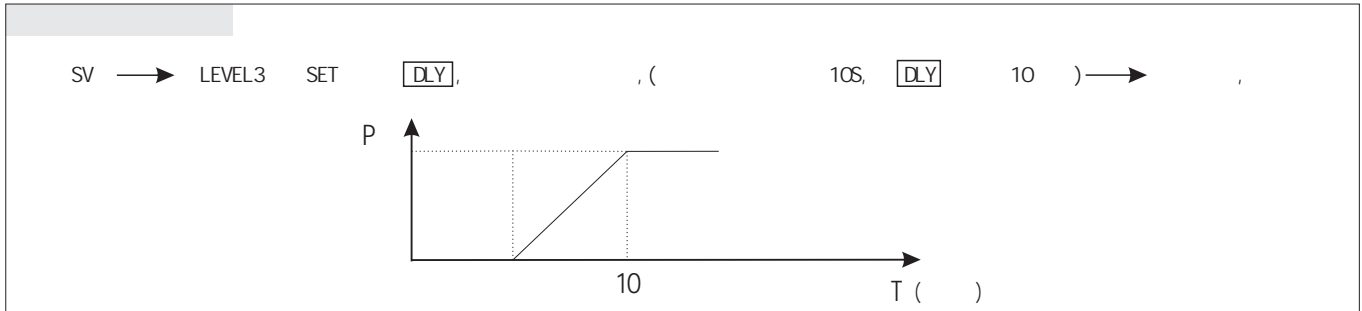
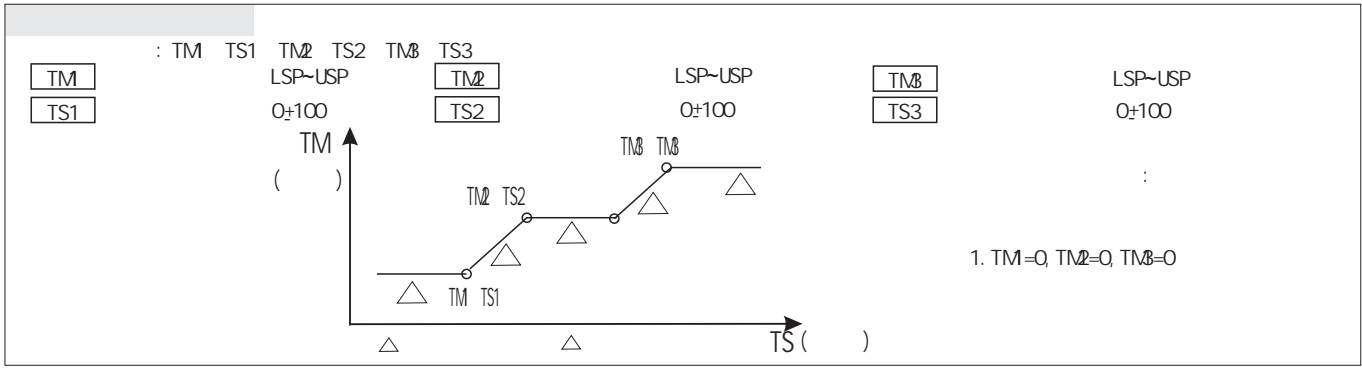
PRO

10-40

S

CON

i V



M2000 - MODBUS

```

1 PAN-GLOBE M2000 ( )
2
3 RTU
4 RS485
5
6 1~255,
7 (03) (06) (10)
8 1) 16 (32)
   2) 16 ( )
9 : 0), 16 ; 16 10.0 ; 10.0
10 1) : 4800 9600 19200 38400 76800 153600
   2) 1
   3) 8
   4) E( ) N( )
   5) 1 2
      (CRC16)
11
12 ( N=2)

```

			CRC
8	8	N × 8	16

```

: 1 AM AM( ) , 0 , 1 OX0001 OX0000 OX0001
  2 RAP OX0000 OX0002 OX0000 OX0001
    OX0002 OX0002
  3 OX0000 RAP
  4 M/W1 OX0000 AM/AM,
  5 10 10
  6 PV1, PV2
  7

```

150

1 03(SV=100.0):

	()		()
	01		01
	03		03
Hi	00		02
Lo	04	Hi	03
Hi	00	Lo	E8
Lo	01	CRC Lo	B8
CRC Lo	C5	CRC Hi	FA
CRC Hi	CB		

2 06(SV=100. 0) :

	()		()
	01		01
	06		06
Hi	00	Hi	00
Lo	04	Lo	04
Hi	03	Hi	03
Lo	E8	Lo	E8
CRC Lo	C8	CRC Lo	C8
CRC Hi	B5	CRC Hi	B5

3 10(SV=100. 0) :

	()		()
	01		01
	10		10
Hi	00	Hi	00
Lo	04	Lo	04
Hi	00	Hi	00
Lo	01	Lo	01
	02	CRC Lo	40
Hi	03	CRC Hi	08
Lo	E8		
CRC Lo	A7		
CRC Hi	6A		

(" NC")

					()
M	00H	0	R/W	10 ^①	0~100
M1	01H	1	R/W	10	
PV1	02H	2	R	10	LSP~USP
PV2	03H	3	R	10	LSP~USP
SV	04H	4	R	10	LSP~USP
NC	05H	5	R		
AD1	06H	6	R/W	1 ^②	0- 11
AL1	07H	7	R/W	10	- 1999~9999
HY1	08H	8	R/W	10	LSP~USP
AD2	09H	9	R/W	1	0- 11
AL2	0AH	10	R/W	10	- 1999~9999
HY2	0BH	11	R/W	10	LSP~USP
A/M	0CH	12	R/W	1	0/1
AT	0DH	13	R/W	1	0/1
P	0EH	14	R/W	10	0. 1~3600
I	0FH	15	R/W	10	0~3600
D	10H	16	R/W	10	0~3600
QUD	11H	17	R/W	1	0/1
CYT	12H	18	R/W	10	0~200
I NP	13H	19	R/W	1	0~9
LSP	14H	20	R/W	10	- 1999~9999
USP	15H	21	R/W	10	- 1999~9999
OUL	16H	22	R/W	10	0~100
OUH	17H	23	R/W	10	0~100
TH	18H	24	R/W	1	0~8
KU	19H	25	R/W	10	0. 1~300
TRL	1AH	26	R/W	10	LSP~USP
TRH	1BH	27	R/W	10	LSP~USP
TM	1CH	28	R/W	10	LSP~USP

29

30

31

0

10

10

1