

Product: PIC152A-VI-C
Product Series: Temperature
Slave Id: 1 (by default for all unit)

A) Read Coil status (FC=01)

Sr No.	Parameters	Starting Addr	Number of Registers
1	Temp Unit	00 00	1
2	Rev scaling	00 01	1
3	ResetAll	00 02	1
4	Alarm latch1	00 0A	1
5	Alarm Hold 1	00 0B	1
6	Almener1	00 0C	1
7	Alarm latch2	00 14	1
8	Alarm Hold 2	00 15	1
9	Almener1	00 16	1
10	Ao_AMNL	00 1E	1
11	Ao_Serr	00 1F	1
12	MbusErrorFlag	00 20	1

B) Read Holding Register (FC=03)

1) Level 0 options:

Sr No.	Parameters	Starting Addr	Number of Registers
1	sensor type	00 00	1
2	Resolution	00 01	1
3	FTC time	00 02	1
4	PV Bias	00 03	1
5	DSCL	00 04	1
6	ISCL	00 05	1
7	DSCH	00 06	1
8	ISCH	00 07	1
9	SPHL	00 08	1
10	SPLL	00 09	1
11	LCK code	00 0A	1

2) Level 1 options:

Sr No.	Parameters	Starting Addr	Number of Registers
1	Alarm HA1	00 14	1
2	LA1	00 15	1
3	HYST 1	00 16	1
4	DLY1	00 17	1
5	MODE1	00 18	1
6	Ann 1	00 19	1

3) Level 2 options:

Sr No.	Parameters	Starting Addr	Number of Registers
1	Alarm HA2	00 1E	1
2	LA2	00 1F	1
3	HYST 2	00 20	1
4	DLY2	00 21	1
5	MODE2	00 22	1
6	Ann 2	00 23	1

4) Level 3 options:

Sr No.	Parameters	Starting Addr	Number of Registers
1	AOUT LOW	00 28	1
2	AOUT HIGH	00 29	1
3	AOUT PAGE	00 2A	1

5) Level 4 options:

Sr No.	Parameters	Starting Addr	Number of Registers
1	COMM SID	00 32	1
2	COMM BR	00 33	1
3	COMM PAR	00 34	1

6) Level 5 & other options:

Sr No.	Parameters	Starting Addr	Number of Registers
1	LOCK LEVEL	00 3C	1

C) Read Input Register (FC=04)

Sr No.	Parameters	Starting Addr	Number of Registers
1	UUT ID	00 00	1
2	PV1	00 01	1
3	PVSTAT	00 02	1
4	RUNTIME	00 03	1
5	ALM_STATUS1	00 04	1
6	ALM_HALA_STATUS1	00 05	1
7	ALM_STATUS2	00 06	1
8	ALM_HALA_STATUS 2	00 07	1

D) Force single coil(FC=05)

Sr No.	Parameters	Starting Addr	Number of Registers
1) Level 0 options:			
1	Temp Unit	00 00	1
2	Rev scaling	00 01	1
3	ResetAll	00 02	1
2) Level 1 options:			
1	Alarm latch1	00 0A	1
2	Alarm Hold 1	00 0B	1
3	Almener1	00 0C	1
3) Level 2 options:			
1	Alarm latch2	00 14	1
2	Alarm Hold 2	00 15	1
3	Almener1	00 16	1
4) Level 3 options:			
1	Ao_AMNL	00 1E	1
2	Ao_Serr	00 1F	1
3	MbusErrorFlag	00 20	1

E) Preset Single Register (FC=06)

1) Level 0 options:			
Sr No.	Parameters	Starting Addr	Number of Registers
1	sensor type	00 00	1
2	Resolution	00 01	1
3	FTC time	00 02	1
4	PV Bias	00 03	1
5	DSCL	00 04	1
6	ISCL	00 05	1
7	DSCH	00 06	1
8	ISCH	00 07	1
9	SPHL	00 08	1
10	SPLL	00 09	1
11	LCK code	00 0A	1

2) Level 1 options:			
Sr No.	Parameters	Starting Addr	Number of Registers
1	Alarm HA1	00 14	1
2	LA1	00 15	1
3	HYST 1	00 16	1
4	DLY1	00 17	1
5	MODE1	00 18	1
6	Ann 1	00 19	1

3) Level 2 options:			
Sr No.	Parameters	Starting Addr	Number of Registers
1	Alarm HA2	00 1E	1
2	LA2	00 1F	1
3	HYST 2	00 20	1
4	DLY2	00 21	1
5	MODE2	00 22	1
6	Ann 2	00 23	1

4) Level 3 options:			
Sr No.	Parameters	Starting Addr	Number of Registers
1	AOUT LOW	00 28	1
2	AOUT HIGH	00 29	1
3	AOUT PAGE	00 2A	1

5) Level 4 options:			
Sr No.	Parameters	Starting Addr	Number of Registers
1	COMM SID	00 32	1
2	COMM BR	00 33	1
3	COMM PAR	00 34	1

6) Level 5 & other options:			
Sr No.	Parameters	Starting Addr	Number of Registers
1	LOCK LEVEL	00 3C & 00 3D	2