PID500-U

RS485 MODBUS Addresses

selec®
Creating Best Value

Read Coil Status

Address	Hex Address	Variable Name	Coil status		Para Type
			0	1	
01	1	Temp Unit	ºC	ºF	R
02	2	Reverse Scaling	NO	YES	R
04	4	Relay_1 Mode	FD	RE	R
05	5	ARW	AUTO	MANUAL	R
06	6	Set 2 Type	ABS	DEV	R
07	7	Alarm_1 Latch	ON	OFF	R
08	8	Alarm_1 Hold	ON	OFF	R
09	9	Alarm_1 energize	ENERGIZE	DE-ENERGIZE	R
10	A	Alarm_1 ANN	OFF	ON	R
12	C	Sensor Err Level	LOW	HIGH	R
13	D	Alarm_2 Latch	ON	OFF	R
14	E	Alarm_2 Hold	ON	OFF	R
15	F	Alarm_2 energize	ENERGIZE	DE-ENERGIZE	R
16	10	Alarm_2 ANN	OFF	ON	R
17	11	Heat_Cool Mode	NO	YES	R
18	12	Profile Status	NO	YES	R
19	13	Sensor open condition	AUTO	MANUAL	R
20	14	Standby mode	NO	YES	R
21	15	Program access settings	LEVEL	ONLINE	R
26	1A	Set mode_zone	ALL	ZONE	R

INPUT REGISTER

Variables in INT & DINT

Address	Hex Address	Parameter	Signed/ Unsigned	Data Structure	Range	Description
30001	1	MAIN OUTPUT STATUS	Unsigned	DINT	0 to 2	Relay = 1 SSR = 0 AOUT = 2
30003	3	ELASPED_SOAK_TIME	Unsigned	DINT		Soak_time
30005	5	OUTPUT PERCENTAGE	Unsigned	DINT	0 to 100	Output Percentage = %pid
30007	7	FINAL PV	Signed	DINT		Final PV
30009	9	RAMP	Signed	DINT		Remote Setpoint
30011	B	FINAL PV	Signed	INT		Final PV
30012	C	MAIN OUTPUT STATUS	Signed	INT	0 to 2	If Output == Relay/SSR Main Output Status = 1/ 0 Else If Output == AOUT Main Output Status = 2
30013	D	ELASPED_SOAK_TIME	Signed	INT		Soak_time
30014	E	OUTPUT PERCENTAGE	Signed	INT	0 to 100	OUTPUT PERCENTAGE = %pid
30015	F	RAMP	Signed	INT		If Profile == Yes → RAMP = Profile_Runtime_ramp If Profile == No → RAMP = ramp

Variables in Float

Address	Hex Address	Parameter	Data Structure	Range	Description
30064	40	OUTPUT PERCENTAGE	FLOAT	0.0 to 100.0	Output Percentage = %pid
30066	42	FINAL PV	FLOAT		Final PV
30068	44	RAMP	FLOAT		Remote Setpoint

HOLDING REGISTER

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40032	20	Set 1_value	4 Byte (DINT)	Signed	R/W	-199 to 9999
40034	22	Set 2_value	4 Byte (DINT)	Unsigned	R/W	-199 to 9999
40036	24	Set 3_value	4 Byte (DINT)	Signed	R/W	-199 to 9999
40064	40	DSCL	2 Byte (INT)	Signed	R/W	-1999 to 9999
40065	41	ISCL	2 Byte (INT)	Unsigned	R/W	0 to 10.00
40066	42	DSCH	2 Byte (INT)	Signed	R/W	-1999 to 9999
40067	43	ISCH	2 Byte (INT)	Unsigned	R/W	0 to 10.00
40068	44	SPHL	2 Byte (INT)	Signed	R/W	-1999 to 9999
40069	45	SPLL	2 Byte (INT)	Signed	R/W	-1999 to 9999
40072	48	ZONE_SP_1	2 Byte (INT)	Signed	R/W	(SPLL TO SPHL) -1999 to 9999
40073	49	ZONE_SP_2	2 Byte (INT)	Signed	R/W	-1999 to 9999
40074	4A	ZONE_SP_3	2 Byte (INT)	Signed	R/W	-1999 to 9999
40075	4B	ZONE_SP_4	2 Byte (INT)	Signed	R/W	-1999 to 9999
40076	4C	Pb-1	2 Byte (INT)	Unsigned	R/W	0 to 400.0
40076	4C	ZONE_PB_1	2 Byte (INT)	Unsigned	R/W	0 to 400.0
40077	4D	ZONE_PB_2	2 Byte (INT)	Unsigned	R/W	0 to 400.0
40078	4E	ZONE_PB_3	2 Byte (INT)	Unsigned	R/W	0 to 400.0
40079	4F	ZONE_PB_4	2 Byte (INT)	Unsigned	R/W	0 to 400.0
40080	50	It-1	2 Byte (INT)	Unsigned	R/W	0 to 3600
40080	50	ZONE_IT_1	2 Byte (INT)	Unsigned	R/W	0 to 3600
40081	51	ZONE_IT_2	2 Byte (INT)	Unsigned	R/W	0 to 3600
40082	52	ZONE_IT_3	2 Byte (INT)	Unsigned	R/W	0 to 3600
40083	53	ZONE_IT_4	2 Byte (INT)	Unsigned	R/W	0 to 3600
40084	54	dt-1	2 Byte (INT)	Unsigned	R/W	0 to 200
40084	54	ZONE_DR_1	2 Byte (INT)	Unsigned	R/W	0 to 200
40085	55	ZONE_DR_2	2 Byte (INT)	Unsigned	R/W	0 to 200
40086	56	ZONE_DR_3	2 Byte (INT)	Unsigned	R/W	0 to 200
40087	57	ZONE_DR_4	2 Byte (INT)	Unsigned	R/W	0 to 200
40088	58	Timer	2 Byte (INT)	Unsigned	R/W	0.0 to 99.9
40089	59	Cycle time_user	2 Byte (INT)	Unsigned	R/W	0.1 to 100.0
40090	5A	Anti reset windup	2 Byte (INT)	Unsigned	R/W	20.0 to 100.0

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40091	5B	Manual reset	2 Byte (INT)	Signed	R/W	(For 0.1 resolution) -99.9 to 99.9 (for 1 resolution) -99 to 99 (for analog input) -999 to 999
40092	5C	Hysteresis_Set1	2 Byte (INT)	Unsigned	R/W	0.1 to 99.9
40095	5F	PB-C	2 Byte (INT)	Unsigned	R/W	0.0 to 400.0
40096	60	Cycle time_cool	2 Byte (INT)	Unsigned	R/W	0.1 to 100.0
40097	61	Hysteresis _Set2	2 Byte (INT)	Unsigned	R/W	0.1 to 99.9
40098	62	A-LO_SET2	2 Byte (INT)	Signed	R/W	-1999 to 9999
40099	63	A-HI_SET2	2 Byte (INT)	Signed	R/W	-1999 to 9999
40102	66	Hysteresis _Set3	2 Byte (INT)	Unsigned	R/W	(for tc / rtd) 0.1 to 99.9 (for analog input) 1 to 99
40105	69	Soft start time	2 Byte (INT)	Unsigned	R/W	OFF=0 to 999
40106	6A	Ramp rate	2 Byte (INT)	Unsigned	R/W	0001 to 9999
40107	6B	Soak time	2 Byte (INT)	Unsigned	R/W	0 to 1440
40108	6C	PV bias	2 Byte (INT)	Signed	R/W	(for tc / rtd) -999 to 999 (for AIN models decimal point as per selected) -999 to 99.9
40111	6F	User ID	2 Byte (INT)	Unsigned	R/W	0 to 9999
40114	72	Set 1_value	2 Byte (INT)	Signed	R/W	-199 to 9999
40115	73	Set 2_value	2 Byte (INT)	Signed	R/W	-199 to 9999
40116	74	Set 3_value	2 Byte (INT)	Signed	R/W	-199 to 9999
40128	80	Special dsp_Index	1 Byte (INT)	Unsigned	R/W	SET1=0, SET2=1, SET3=2, TUNE=4 HAND=5, PB-2=6, IT-2=7, DT-2=8, Manual_Offset=9, PB-C=10, R-SP=11, PERC=12, Soak=13 AL-1=16, AL-2 =17, Profile=21, Profile No=22, Step no=23, Time-remaining=24, Time Elapsed=25, BLNK=29

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40129	81	Input Type	1 Byte (INT)	Unsigned	R/W	J =0, K =1, T=2, R=3, S=4, C=5, E=6, B=7, N=8, L=9, U=10, Y=11, PTNL=12, PT100=13, AV=14, 10V=15, 20mA=16
40130	82	Resolution	1 Byte (INT)	Unsigned	R/W	TC/RTD:1=0, 0.1=1 Analog I/p: 1=0, 0.1=1,0.01=2, 0.001=3
40133	85	Auto tune	1 Byte (INT)	Unsigned	R/W	OFF=0, ST=1, AT=2, ADT=3
40134	86	Tune%	1 Byte (INT)	Unsigned	R/W	P.AU:75 to100
40135	87	Power Low_set1	1 Byte (INT)	Signed	R/W	0 to 100 (for heat cool mode) -100 to 100
40136	88	Power High_set1	1 Byte (INT)	Unsigned	R/W	output power low limit to 100
40137	89	Set mode_zone	1 Byte (INT)	Unsigned	R/W	ALL=0, ZONE=1
40138	8A	Zone_number	1 Byte (INT)	Unsigned	R/W	1=0, 2=1, 3=2, 4=3
40139	8B	DAC	1 Byte (INT)	Unsigned	R/W	0.5 to 5.0
40140	8C	Cycle time	1 Byte (INT)	Unsigned	R/W	User=1, USP.F=2 A15.0=0
40141	8D	Hysteresis bias _Set1	1 Byte (INT)	Signed	R/W	-9.9 to 99
40144	90	Set2 mode	1 Byte (INT)	Unsigned	R/W	None=0, Fd=1, Rev=2, Alrm=3
40145	91	Alarm 1_mode	1 Byte (INT)	Unsigned	R/W	OFF=0, DUHI=1, DULO=2, BAND=3, FSHI=4, FSLO=5, S.brk=6
40146	92	Hysteresis bias _Set2	1 Byte (INT)	Signed	R/W	(for tc / rtd) -9.9 to 9.9 (for analog input) -99 to 99
40149	95	Alarm2_mode	1 Byte (INT)	Unsigned	R/W	OFF=0, DUHI=1, DULO=2, BAND=3, FSHI=4, FSLO=5, S.brk=6
40150	96	Hysteresis bias _Set3	1 Byte (INT)	Signed	R/W	(for tc / rtd) -9.9 to 9.9 (for analog input) -99 to 99
40153	99	Main output	1 Byte (INT)	Unsigned	R/W	RLY 1=0, AOUT=1, SSR =2

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40154	9A	Aout	1 Byte (INT)	Unsigned	R/W	4-20mA=0, 0-20mA=1 0-5V=2, 0-10V=3
40155	9B	Hand%	1 Byte (INT)	Unsigned	R/W	OFF:0 to 100
40156	9C	RAMP	1 Byte (INT)	Unsigned	R/W	OFF=1, HOLD=2, ON=0
40157	9D	Sensor fail power level	1 Byte (INT)	Signed	R/W	0 to 100 (For heat cool mode) -100 to 100
40158	9E	Filter time constant	1 Byte (INT)	Unsigned	R/W	Off=0, 1 to 99
40159	9F	Output power dampening	1 Byte (INT)	Unsigned	R/W	Off=0, 1 to 250
40160	A0	Rounding increment	1 Byte (INT)	Unsigned	R/W	(for tc / rtd) 0.1 to 10.0
40163	A3	Lock_access _SET1	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40164	A4	Lock_access _SET2	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40165	A5	Lock_access _SET3	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40166	A6	Lock_access _AT	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40167	A7	Lock_access _HAND%	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40168	A8	Lock_access _PB_main	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40169	A9	Lock_access _IT_main	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40170	AA	Lock_access _DR_main	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40171	AB	Lock_access_ Manual_RST	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40172	AC	Lock_access _PB_AUX	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40173	AD	Lock_access_l0	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40174	AE	Lock_access_l1	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40175	AF	Lock_access_l2	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40176	B0	Lock_access_l3	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40177	B1	Lock_access_l4	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40178	B2	Lock_access_l9	1 Byte (INT)	Unsigned	R/W	UNLK=0, READ=1, LOCK=2
40192	C0	Profile target temp_1	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40194	C2	Profile target temp_2	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40196	C4	Profile target temp_3	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40198	C6	Profile target temp_4	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40200	C8	Profile target temp_5	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40202	CA	Profile target temp_6	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40204	CC	Profile target temp_7	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40206	CE	Profile target temp_8	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40208	D0	Profile target temp_9	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40210	D2	Profile target temp_10	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40212	D4	Profile target temp_11	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40214	D6	Profile target temp_12	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40216	D8	Profile target temp_13	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40218	DA	Profile target temp_14	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40220	DC	Profile target temp_15	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40222	DE	Profile target temp_16	4 Byte (DINT)	Unsigned	R/W	SPLL TO SPHL
40232	E8	Profile target temp_1	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40233	E9	Profile target temp_2	2 Byte (INT)	Signed	R/W	SPLL TO SPHL

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40234	EA	Profile target temp_3	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40235	EB	Profile target temp_4	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40236	EC	Profile target temp_5	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40237	ED	Profile target temp_6	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40238	EE	Profile target temp_7	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40239	EF	Profile target temp_8	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40240	F0	Profile target temp_9	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40241	F1	Profile target temp_10	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40242	F2	Profile target temp_11	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40243	F3	Profile target temp_12	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40244	F4	Profile target temp_13	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40245	F5	Profile target temp_14	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40246	F6	Profile target temp_15	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40247	F7	Profile target temp_16	2 Byte (INT)	Signed	R/W	SPLL TO SPHL
40256	100	Profile ramp time_1	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40257	101	Profile ramp time_2	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40258	102	Profile ramp time_3	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40259	103	Profile ramp time_4	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40260	104	Profile ramp time_5	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40261	105	Profile ramp time_6	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40262	106	Profile ramp time_7	2 Byte (INT)	Unsigned	R/W	0000 TO 9959

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40263	107	Profile ramp time_8	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40264	108	Profile ramp time_9	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40265	109	Profile ramp time_10	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40266	10A	Profile ramp time_11	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40267	10B	Profile ramp time_12	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40268	10C	Profile ramp time_13	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40269	10D	Profile ramp time_14	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40270	10E	Profile ramp time_15	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40271	10F	Profile ramp time_16	2 Byte (INT)	Unsigned	R/W	0000 TO 9959
40320	140	Full Profile_rpt	1 Byte (INT)	Unsigned	R/W	0 to 99
40321	141	Profile number	1 Byte (INT)	Unsigned	R/W	1 to 8
40322	142	Single Profile_rpt	1 Byte (INT)	Unsigned	R/W	0 to 99
40323	143	Profile pdn_ resume	1 Byte (INT)	Unsigned	R/W	ARST=0, STOP=1, RESU=2
40324	144	Profile_link	1 Byte (INT)	Unsigned	R/W	NO=08
40325	145	Profile deviation _hold	1 Byte (INT)	Unsigned	R/W	EN=0, DS=1
40326	146	Profile alarm _duration	1 Byte (INT)	Unsigned	R/W	0 to 99
40327	147	Profile start _stepno	1 Byte (INT)	Unsigned	R/W	1 to 16
40328	148	Profile number _step	1 Byte (INT)	Unsigned	R/W	1 to 16
40331	14B	Profile Aux output_1	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40332	14C	Profile Aux output_2	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40333	14D	Profile Aux output_3	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40334	14E	Profile Aux output_4	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40335	14F	Profile Aux output_5	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3

Address	Hex Address	Parameter	Data Size (Data type)	Signed/ Unsigned	Para type	Range
40336	150	Profile Aux output_6	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40337	151	Profile Aux output_7	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40338	152	Profile Aux output_8	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40339	153	Profile Aux output_9	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40340	154	Profile Aux output_10	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40341	155	Profile Aux output_11	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40342	156	Profile Aux output_12	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40343	157	Profile Aux output_13	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40344	158	Profile Aux output_14	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40345	159	Profile Aux output_15	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40346	15A	Profile Aux output_16	1 Byte (INT)	Unsigned	R/W	ON=0, OFF=1, NA=2, ALRM=3
40351	15F	Profile RUN	2 Byte (INT)	unsigned	R/W	STOP= 0, RUN=1, HOLD=2

FLOAT

Address	Hex Address	Parameter	Data Size	Data Structure	Para type	Range
400512	200	Set 1_value	4 Byte	FLOAT	R/W	-199.0 to SPHL
400514	202	Set 2_value	4 Byte	FLOAT	R/W	-199.0 to SPHL
400516	204	Set 3_value	4 Byte	FLOAT	R/W	-199.0 to SPHL
400544	220	DSCL	4 Byte	FLOAT	R/W	-1999 to DSCH
400546	222	DSCH	4 Byte	FLOAT	R/W	DSCL to 9999
400556	22C	ZONE_SP_1	4 Byte	FLOAT	R/W	(SPLL TO SPHL) -1999 to 9999
400558	22E	ZONE_SP_2	4 Byte	FLOAT	R/W	-1999 to 9999
400560	230	ZONE_SP_3	4 Byte	FLOAT	R/W	-1999 to 9999
400562	232	ZONE_SP_4	4 Byte	FLOAT	R/W	-1999 to 9999
400564	234	Pb-1	4 Byte	FLOAT	R/W	0 to 400.0
400564	234	ZONE_PB_1	4 Byte	FLOAT	R/W	0 to 400.0
400566	236	ZONE_PB_2	4 Byte	FLOAT	R/W	0 to 400.0
400568	238	ZONE_PB_3	4 Byte	FLOAT	R/W	0 to 400.0
400570	23A	ZONE_PB_4	4 Byte	FLOAT	R/W	0 to 400.0
400572	23C	Manual reset	4 Byte	FLOAT	R/W	(For 0.1 resolution)- -99.9 to 99.9 (for 1 resolution) -99 to 99 (for analog input) -999 to 999
400574	23E	Hysteresis_Set1	4 Byte	FLOAT	R/W	0.1 to 99.9
400580	244	PB-C	4 Byte	FLOAT	R/W	0.0 to 400.0
400582	246	Hysteresis _Set2	4 Byte	FLOAT	R/W	0.1 to 99.9
400584	248	A-LO_SET2	4 Byte	FLOAT	R/W	-1999 to 9999
400586	24A	A-HI_SET2	4 Byte	FLOAT	R/W	-1999 to 9999
400592	250	Hysteresis _Set3	4 Byte	FLOAT	R/W	(for tc / rtd) 0.1 to 99.9 (for analog input) 1 to 99
400598	256	Ramp rate	4 Byte	FLOAT	R/W	0001 to 9999
400600	258	PV bias	4 Byte	FLOAT	R/W	(for tc / rtd) -999 to 999 (for AIN models decimal point as per selected) -999 to 99.9
400704	2C0	Profile target temp_1	4 Byte	FLOAT	R/W	SPLL TO SPHL

Address	Hex Address	Parameter	Data Size	Data Structure	Para type	Range
400706	2C2	Profile target temp_2	4 Byte	FLOAT	R/W	SPLL TO SPHL
400708	2C4	Profile target temp_3	4 Byte	FLOAT	R/W	SPLL TO SPHL
400710	2C6	Profile target temp_4	4 Byte	FLOAT	R/W	SPLL TO SPHL
400712	2C8	Profile target temp_5	4 Byte	FLOAT	R/W	SPLL TO SPHL
400714	2CA	Profile target temp_6	4 Byte	FLOAT	R/W	SPLL TO SPHL
400716	2CC	Profile target temp_7	4 Byte	FLOAT	R/W	SPLL TO SPHL
400718	2CE	Profile target temp_8	4 Byte	FLOAT	R/W	SPLL TO SPHL
400720	2D0	Profile target temp_9	4 Byte	FLOAT	R/W	SPLL TO SPHL
400722	2D2	Profile target temp_10	4 Byte	FLOAT	R/W	SPLL TO SPHL
400724	2D4	Profile target temp_11	4 Byte	FLOAT	R/W	SPLL TO SPHL
400726	2D6	Profile target temp_12	4 Byte	FLOAT	R/W	SPLL TO SPHL
400728	2D8	Profile target temp_13	4 Byte	FLOAT	R/W	SPLL TO SPHL
400730	2DA	Profile target temp_14	4 Byte	FLOAT	R/W	SPLL TO SPHL
400732	2DC	Profile target temp_15	4 Byte	FLOAT	R/W	SPLL TO SPHL
400734	2DE	Profile target temp_16	4 Byte	FLOAT	R/W	SPLL TO SPHL
400768	100	Profile ramp time_1	4 Byte	FLOAT	R/W	SPLL TO SPHL
400770	101	Profile ramp time_2	4 Byte	FLOAT	R/W	0000 TO 99.59
400772	102	Profile ramp time_3	4 Byte	FLOAT	R/W	0000 TO 99.59
400774	103	Profile ramp time_4	4 Byte	FLOAT	R/W	0000 TO 99.59
400776	104	Profile ramp time_5	4 Byte	FLOAT	R/W	0000 TO 99.59
400778	105	Profile ramp time_6	4 Byte	FLOAT	R/W	0000 TO 99.59
400780	106	Profile ramp time_7	4 Byte	FLOAT	R/W	0000 TO 99.59

Address	Hex Address	Parameter	Data Size	Data Structure	Para type	Range
400782	107	Profile ramp time_8	4 Byte	FLOAT	R/W	0000 TO 99.59
400784	108	Profile ramp time_9	4 Byte	FLOAT	R/W	0000 TO 99.59
400786	109	Profile ramp time_10	4 Byte	FLOAT	R/W	0000 TO 99.59
400788	10A	Profile ramp time_11	4 Byte	FLOAT	R/W	0000 TO 99.59
400790	10B	Profile ramp time_12	4 Byte	FLOAT	R/W	0000 TO 99.59
400792	10C	Profile ramp time_13	4 Byte	FLOAT	R/W	0000 TO 99.59
400794	10D	Profile ramp time_14	4 Byte	FLOAT	R/W	0000 TO 99.59
400796	10E	Profile ramp time_15	4 Byte	FLOAT	R/W	0000 TO 99.59
400798	10F	Profile ramp time_16	4 Byte	FLOAT	R/W	0000 TO 99.59

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