GEFRAN

2400/2500 MODBUS - 16 BIT MEMORY LOCATIONS (2 BYTES)

Software version V.1.33

Address Modbus	Item	Description	R/W	Min	Max	Decimal point	Default	Meas. Unit	2400	2500
0	***PV***	Process variable LSW	R	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	-	S.p.	-	✓
1	***SSP***	Active setpoint LSW	R	Lo.SP	Hi.SP	dPS.n (SPU)	-	S.p.	-	✓
2	**Ou.P**	PID control output	R	-100.0	100.0	1	-	%	-	✓
4	**-**	Deviation (SSP – PV) LSW	R	-	-	dPS.n (SPU)	-	S.p.	-	✓
5	**Pb.1**	Proportional band of group 1	R/W	0.0	999.9	1	100.0	%	-	✓
7	**It.1**	Integral time of group 1	R/W	0.0	999.9	1	4.0	Sec	-	✓
8	**dt.1**	Derivative time of group 1	R/W	0.0	999.9	1	0.0	sec	-	✓
10	**LoS.1**	Min limit scale of input 1 LSW	R/W	-19999	32767	dPS.1	0	S.p.	✓	✓
11	**HiS.1**	Max limit scale of input 1 LSW	R/W	-19999	32767	dPS.1	3500	S.p.	✓	✓
12	**AL.1**	Alarm threshold 1 LSW	R/W	Lo.AL (Ar.1)	Hi.AL (Ar.1)	dPS.n (Ar.1)	100	S.p.	✓	✓
13	**AL.2**	Alarm threshold 2 LSW	R/W	Lo.AL (Ar.2)	Hi.AL (Ar.2)	dPS.n (Ar.2)	200	S.p.	✓	✓
14	**AL.3**	Alarm threshold 3 LSW	R/W	Lo.AL (Ar.3)	Hi.AL (Ar.3)	dPS.n (Ar.3)	300	S.p.	✓	-
16	**SEt.P**	Local setpoint LSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	0	S.p.	-	✓
20	**Hi.SP**	Upper limit for setting setpoint LSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	3500	S.p.	-	✓
21	**Lo.SP**	Lower limit for setting setpoint LSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	0	S.p.	-	✓
22	**G.SP**	Setpoint gradient	R/W	0.0	999.9	1	0.0	digit/min digit/sec	-	✓
23	**oFS.1**	Offset correction of input 1	R/W	-999	999	dPS.1	0	S.p.	✓	✓
24	**FLt.1**	Digital filter input 1	R/W	0.00	20.00	2	0.10	sec	✓	✓
25	**Lo.AL**	Lower limit for setting alarms LSW	R/W	-19999	99999	0	0	-	✓	-
26	**Hi.AL**	Upper limit for setting alarms LSW	R/W	-19999	99999	0	3500	-	✓	-
27	**Hy.1**	Hysteresis alarm 1	R/W	-9999	9999	(Ar.1)	-1	S.p.	✓	✓
28	**Lo.AL**	Lower limit for setting alarms LSW	R/W	-19999	99999	0	0	-	✓	-
29	**Hi.AL**	Upper limit for setting alarms LSW	R/W	-19999	99999	0	3500	-	✓	-
30	**Hy.2**	Hysteresis alarm 2	R/W	-9999	9999	(Ar.2)	-1	S.p.	✓	✓
31	**S.tu**	Enabling selftuning, autotuning and	R/W	0	141	0	0	-		✓

		softstart								
32	**Pr.dt**	Process dead time LSW	R/W	0	9999.9	1	0.0	sec	-	✓
42	**Hi.P**	Max power limit	R/W	Lo.P	100.0	1	100.0	%	-	✓
43	**Lo.P**	Min power limit	R/W	-100.0	100.0	1	0.0	%	-	✓
45	**bAu**	Select baud rate	R/W	0	7	0	4	-	✓	✓
46	**Cod**	Unit identification code	R/W	0	247	0	1	-	✓	✓
47	**Par**	Parity selection	R/W	0	2	0	0	-	✓	✓
49	**Pro**	Protection code	R/W	0	61(2400) / 63(2500)	0	0	-	✓	✓
52	**AL.3**	Alarm threshold 3 LSW	R/W	Lo.AL (Ar.3)	Hi.AL (Ar.3)	dPS.n (Ar.3)	300	S.p.	✓	-
53	**Hy.3**	Hysteresis alarm 3	R/W	-9999	9999	(Ar.3)	-1	S.p.	✓	-
54	**At.3**	Alarm 3 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	-
55	**AL.4**	Alarm threshold 4 LSW	R/W	Lo.AL (Ar.4)	Hi.AL (Ar.4)	dPS.n (Ar.4)	400	S.p.	✓	✓
56	**Hy.4**	Hysteresis alarm 4	R/W	-9999	9999	(Ar.4)	-1	S.p.	✓	✓
57	**At.4**	Alarm 4 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
58	**AL.5**	Alarm threshold 5 LSW	R/W	Lo.AL (Ar.5)	Hi.AL (Ar.5)	dPS.n (Ar.5)	500	S.p.	✓	✓
59	**Hy.5**	Hysteresis alarm 5	R/W	-9999	9999	(Ar.5)	-1	S.p.	✓	✓
60	**At.5**	Alarm 5 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
62	**At.1**	Alarm 1 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
63	**At.2**	Alarm 2 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
65	**P.On.t**	Power-on mode	R/W	0	22	-	0	-	-	✓
66	**TypC.1**	Type of analog output C1	R/W	0	26	0	1	-	-	✓
67	**L.r.t**	Local/remote setpoint switching mode	R/W	0	19	0	0	-	-	✓
68	**MA.t**	Manual/automatic switching mode	R/W	0	9	0	0	-	-	✓

69	**A.M.t**	Automatic/manual switching mode	R/W	0	3	0	0	-	-	✓
70	**Ctr**	Control type	R/W	0	118	0	0	-	-	✓
71	**Hy.9**	Hysteresis alarm 9	R/W	-9999	9999	(Ar.3)	-1	S.p.	✓	-
72	**At.9**	Alarm 9 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	-
73	**AL.10**	Alarm threshold 10 LSW	R/W	Lo.AL (Ar.10)	Hi.AL (Ar.10)	dPS.n (Ar.10)	1000	S.p.	✓	-
74	**Hy.10**	Hysteresis alarm 10	R/W	-9999	9999	(Ar.10)	-1	S.p.	✓	-
75	**At.10**	Alarm 10 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	-
78	**rSt**	Manual reset	R/W	-999	999	dPS.n (SPU)	0	S.p.	-	✓
79	**A.rS**	Antireset	R/W	0	9999	dPS.n (SPU)	0	S.p.	-	✓
80	**FFd**	Feedforward	R/W	-100.0	100.0	1	0.0	%	-	✓
81	**-**	Peak high input 1 LSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
82	**-**	Peak low input 1 LSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
83	**-**	Peak peak input 1 LSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
84	**C1.A**	Definition of first coefficient of math function A	R/W	-9.99	99.99	2	0	-	-	✓
85	**Err.1**	Input 1 error code	R	0	7	0	-	-	✓	✓
86	**S.00**	Step 0 custom scale LSW	R/W	-19999	99999	0		S.p.	✓	✓
87	**S.01**	Step 1 custom scale LSW	R/W	-19999	99999	0	313	S.p.	✓	✓
88	**S.02**	Step 2 custom scale LSW	R/W	-19999	99999	0	31	S.p.	✓	✓
89	**S.03**	Step 3 custom scale LSW	R/W	-19999	99999	0	625	S.p.	✓	✓
90	**S.04**	Step 4 custom scale LSW	R/W	-19999	99999	0	63	S.p.	✓	✓
91	**S.05**	Step 5 custom scale LSW	R/W	-19999	99999	0	938	S.p.	✓	✓
92	**S.06**	Step 6 custom scale LSW	R/W	-19999	99999	0	94	S.p.	✓	✓
93	**S.07**	Step 7 custom scale LSW	R/W	-19999	99999	0	1250	S.p.	✓	✓
94	**S.08**	Step 8 custom scale LSW	R/W	-19999	99999	0	125	S.p.	✓	✓
95	**S.09**	Step 9 custom scale LSW	R/W	-19999	99999	0	1563	S.p.	✓	✓
96	**S.10**	Step 10 custom scale LSW	R/W	-19999	99999	0	156	S.p.	✓	✓
97	**S.11**	Step 11 custom scale LSW	R/W	-19999	99999	0	1875	S.p.	✓	✓
98	**S.12**	Step 12 custom scale LSW	R/W	-19999	99999	0	188	S.p.	✓	✓
99	**S.13**	Step 13 custom scale LSW	R/W	-19999	99999	0	2188	S.p.	✓	✓
100	**S.14**	Step 14 custom scale LSW	R/W	-19999	99999	0	219	S.p.	✓	✓
101	**S.15**	Step 15 custom scale LSW	R/W	-19999	99999	0	2500	S.p.	✓	✓
102	**S.16**	Step 16 custom scale LSW	R/W	-19999	99999	0	250	S.p.	✓	✓
103	**S.17**	Step 17 custom scale LSW	R/W	-19999	99999	0	2813	S.p.	✓	✓

104	**S.18**	Step 18 custom scale LSW	R/W	-19999	99999	0	281	S.p.	✓	✓
105	**S.19**	Step 19 custom scale LSW	R/W	-19999	99999	0	3125	S.p.	✓	✓
106	**S.20**	Step 20 custom scale LSW	R/W	-19999	99999	0	313	S.p.	✓	✓
107	**S.21**	Step 21 custom scale LSW	R/W	-19999	99999	0	3438	S.p.	✓	✓
108	**S.22**	Step 22 custom scale LSW	R/W	-19999	99999	0	344	S.p.	✓	✓
109	**S.23**	Step 23 custom scale LSW	R/W	-19999	99999	0	3750	S.p.	✓	✓
110	**S.24**	Step 24 custom scale LSW	R/W	-19999	99999	0	375	S.p.	✓	✓
111	**S.25**	Step 25 custom scale LSW	R/W	-19999	99999	0	4063	S.p.	✓	✓
112	**S.26**	Step 26 custom scale LSW	R/W	-19999	99999	0	406	S.p.	✓	✓
113	**S.27**	Step 27 custom scale LSW	R/W	-19999	99999	0	4375	S.p.	✓	✓
114	**S.28**	Step 28 custom scale LSW	R/W	-19999	99999	0	438	S.p.	✓	✓
115	**S.29**	Step 29 custom scale LSW	R/W	-19999	99999	0	4688	S.p.	✓	✓
116	**S.30**	Step 30 custom scale LSW	R/W	-19999	99999	0	469	S.p.	✓	✓
117	**S.31**	Step 31 custom scale LSW	R/W	-19999	99999	0	5000	S.p.	✓	✓
118	**S.32**	Step 32 custom scale LSW	R/W	-19999	99999	0	500	S.p.	✓	✓
120	-	Manufact trade mark (Gefran)	R	-	-	0	5000	-	✓	✓
121	-	Device ID (2500)	R	-	-	0	195	-	✓	✓
122	**UPd**	Software Version	R	0.00	99.99	2	-	-	✓	✓
132	**Ou.P**	PID control output	R	-100.0	100.0	1	-	%	-	✓
133	**but.1**	Function of PEAK key	R/W	0	125(2400) / 112 (2400)	0	8	-	✓	✓
134	**but.2**	Function of CAL/RST key	R/W	0	125(2400) / 112 (2400)	0	15	-	✓	✓
135	**but.3**	Function of M/A key	R/W	0	125(2400) / 112 (2400)	0	13	-	✓	✓
136	**tyP.3**	Input 3 type	R/W	0	36	0	1	-	✓	✓
137	***SSP***	Active setpoint LSW	R	Lo.SP	Hi.SP	dPS.n (SPU)	-	S.p.	-	✓
138	**SEt.P**	Local setpoint LSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	3500	S.p.	-	✓
139	**In.3**	Input 3 LSW	R	LoS.3	HiS.3	dPS.3	-	S.p.	✓	✓
140	**diG.1**	Function of digital input 1	R/W	0	255	0	0	-	✓	✓
141	**diG.2**	Function of digital input 2	R/W	0	255	0	0	-	✓	✓
142	**Hi.SP**	Upper limit for setting setpoint LSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	3500	S.p.	-	✓
143	**Lo.SP**	Lower limit for setting setpoint LSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	0	S.p.	-	✓
146	**Hi.P**	Max power limit	R/W	-100.0	100.0	1	100.0	%	-	✓

148	**Pb.1**	Proportional band of group 1	R/W	0.0	999.9	1	100.0	%	-	✓
150	**It.1**	Integral time of group 1	R/W	0.0	999.9	1	4.0	sec	-	✓
151	**dt.1**	Derivative time of group 1	R/W	0.0	999.9	1	0.0	sec	-	✓
155	**tyP.2**	Input 2 type	R/W	0	106	0	0	-	✓	✓
156	**In.4**	Input 4 LSW	R	LoS.4	HiS.4	dPS.4	-	S.p.	✓	✓
177	**AL.1**	Alarm threshold 1 LSW	R/W	Lo.AL (Ar.1)	Hi.AL (Ar.1)	dPS.n (Ar.1)	100	S.p.	✓	-
178	**AL.2**	Alarm threshold 2 LSW	R/W	Lo.AL (Ar.2)	Hi.AL (Ar.2)	dPS.n (Ar.2)	200	S.p.	✓	-
179	**FLd**	Digital filter on input display	R/W	0.0	9.9	1	0.5	S.p.	✓	✓
187	**Hy.1**	Hysteresis alarm 1	R/W	-9999	9999	(Ar.1)	-1	S.p.	✓	✓
188	**Hy.2**	Hysteresis alarm 2	R/W	-9999	9999	(Ar.2)	-1	S.p.	✓	✓
191	**rif.An**	Reference for analog output OUTW	R/W	0	35	0	0	-	-	✓
400	**tyP.1**	Input 1 type	R/W	0	106	0	14	-	✓	✓
401	**LoS.1**	Min limit scale of input 1 LSW	R/W	-19999	99999	dPS.1	0	S.p.	✓	✓
402	**HiS.1**	Max limit scale of input 1 LSW	R/W	-19999	99999	dPS.1	3500	S.p.	✓	✓
403	**dPS.1**	Decimal point position for input 1 scale	R/W	0	60	0	0	-	✓	✓
404	**Lo.An**	Minimum scale of analog output OUTW LSW	R/W	-19999	99999	0	0	-	-	✓
405	**Hi.An**	Maximum scale of analog output OUTW MSW	R/W	-19999	99999	0	3500	-	-	✓
406	**At.1**	Alarm 1 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
407	**At.2**	Alarm 2 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
408	**At.3**	Alarm 3 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	-
511	**rEL**	Fault action (sets state in case of probe fault)	R/W	0	23	0	0	-	✓	✓

516	**PrS.1**	Reset power of group 1	R/W	-100.0	100.0	1	0.0	%	-	✓
519	**oFS.1**	Offset correction of input 1	R/W	-999	999	dPS.1	0	S.p.	✓	✓
520	**G.OUt**	Power output gradient	R/W	0.0	100.0	1	0.0	%/sec	-	✓
530	***PV***	Process variable LSW	R	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	-	S.p.	-	✓
531	***PV***	Process variable MSW	R	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	-	S.p.	-	✓
532	***SSP***	Active setpoint LSW	R	Lo.SP	Hi.SP	dPS.n (SPU)	-	S.p.	-	✓
533	***SSP***	Active setpoint MSW	R	Lo.SP	Hi.SP	dPS.n (SPU)	-	S.p.	-	✓
534	**-**	Deviation (SSP – PV) LSW	R	-	-	dPS.n (SPU)	-	S.p.	-	✓
535	**-**	Deviation (SSP - PV) MSW	R	-	-	dPS.n (SPU)	-	S.p.	-	✓
536	**In.1**	Input 1 LSW	R	LoS.1	HiS.1	dPS.1	-	S.p.	✓	✓
537	**In.1**	Input 1 MSW	R	LoS.1	HiS.1	dPS.1	-	S.p.	✓	✓
538	**In.2**	Input 2 LSW	R	LoS.2	HiS.2	dPS.2	-	S.p.	✓	✓
539	**In.2**	Input 2 MSW	R	LoS.2	HiS.2	dPS.2	-	S.p.	✓	✓
540	**In.3**	Input 3 LSW	R	LoS.3	HiS.3	dPS.3	-	S.p.	✓	✓
541	**In.3**	Input 3 MSW	R	LoS.3	HiS.3	dPS.3	-	S.p.	✓	✓
542	**In.4**	Input 4 LSW	R	LoS.4	HiS.4	dPS.4	-	S.p.	✓	✓
543	**In.4**	Input 4 MSW	R	LoS.4	HiS.4	dPS.4	-	S.p.	✓	✓
544	**FIn.A**	Function input A LSW	R	LoS.5 (Func.A)	HiS.5 (Func.A)	dPS.5 (Func.A)	-	S.p.	✓	✓
545	**FIn.A**	Function input A MSW	R	LoS.5 (Func.A)	HiS.5 (Func.A)	dPS.5 (Func.A)	-	S.p.	✓	✓
546	**FIn.b**	Function input B LSW	R	LoS.6 (Func.b)	HiS.6 (Func.b)	dPS.6 (Func.b)	-	S.p.	✓	✓
547	**FIn.b**	Function input B MSW	R	LoS.6 (Func.b)	HiS.6 (Func.b)	dPS.6 (Func.b)	-	S.p.	✓	✓
548	**SEt.P**	Local setpoint LSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	0	S.p.	-	✓
549	**SEt.P**	Local setpoint MSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	0	S.p.	-	✓
550	**SP.1**	Setpoint 1 LSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	100	S.p.	-	✓
551	**SP.1**	Setpoint 1 MSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	0	S.p.	-	✓
552	**SP.2**	Setpoint 2 LSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	200	S.p.	-	✓
553	**SP.2**	Setpoint 2 MSW	R/W	Lo.SP	Hi.SP	dPS.n (SPU)	0	S.p.	-	✓
554	**AL.1**	Alarm threshold 1 LSW	R/W	Lo.AL (Ar.1)	Hi.AL (Ar.1)	dPS.n (Ar.1)	100	S.p.	✓	✓
555	**AL.1**	Alarm threshold 1 MSW	R/W	Lo.AL (Ar.1)	Hi.AL (Ar.1)	dPS.n (Ar.1)	0	S.p.	✓	✓
556	**AL.2**	Alarm threshold 2 LSW	R/W	Lo.AL (Ar.2)	Hi.AL (Ar.2)	dPS.n (Ar.2)	200	S.p.	✓	✓
557	**AL.2**	Alarm threshold 2 MSW	R/W	Lo.AL (Ar.2)	Hi.AL (Ar.2)	dPS.n (Ar.2)	0	S.p.	✓	✓

558	**AL.3**	Alarm threshold 3 LSW	R/W	Lo.AL (Ar.3)	Hi.AL (Ar.3)	dPS.n (Ar.3)	300	S.p.	✓	✓
559	**AL.3**	Alarm threshold 3 MSW	R/W	Lo.AL (Ar.3)	Hi.AL (Ar.3)	dPS.n (Ar.3)	0	S.p.	✓	✓
560	**AL.4**	Alarm threshold 4 LSW	R/W	Lo.AL (Ar.4)	Hi.AL (Ar.4)	dPS.n (Ar.4)	400	S.p.	✓	✓
561	**AL.4**	Alarm threshold 4 MSW	R/W	Lo.AL (Ar.4)	Hi.AL (Ar.4)	dPS.n (Ar.4)	0	S.p.	✓	✓
562	**AL.5**	Alarm threshold 5 LSW	R/W	Lo.AL (Ar.5)	Hi.AL (Ar.5)	dPS.n (Ar.5)	500	S.p.	✓	✓
563	**AL.5**	Alarm threshold 5 MSW	R/W	Lo.AL (Ar.5)	Hi.AL (Ar.5)	dPS.n (Ar.5)	0	S.p.	✓	✓
564	**AL.6**	Alarm threshold 6 LSW	R/W	Lo.AL (Ar.6)	Hi.AL (Ar.6)	dPS.n (Ar.6)	600	S.p.	✓	✓
565	**AL.6**	Alarm threshold 6 MSW	R/W	Lo.AL (Ar.6)	Hi.AL (Ar.6)	dPS.n (Ar.6)	0	S.p.	✓	✓
566	**AL.7**	Alarm threshold 7 LSW	R/W	Lo.AL (Ar.7)	Hi.AL (Ar.7)	dPS.n (Ar.7)	700	S.p.	✓	✓
567	**AL.7**	Alarm threshold 7 MSW	R/W	Lo.AL (Ar.7)	Hi.AL (Ar.7)	dPS.n (Ar.7)	0	S.p.	✓	✓
568	**AL.8**	Alarm threshold 8 LSW	R/W	Lo.AL (Ar.8)	Hi.AL (Ar.8)	dPS.n (Ar.8)	800	S.p.	✓	✓
569	**AL.8**	Alarm threshold 8 MSW	R/W	Lo.AL (Ar.8)	Hi.AL (Ar.8)	dPS.n (Ar.8)	0	S.p.	✓	✓
570	**AL.9**	Alarm threshold 9 LSW	R/W	Lo.AL (Ar.9)	Hi.AL (Ar.9)	dPS.n (Ar.9)	900	S.p.	✓	✓
571	**AL.9**	Alarm threshold 9 MSW	R/W	Lo.AL (Ar.9)	Hi.AL (Ar.9)	dPS.n (Ar.9)	0	S.p.	✓	✓
572	**AL.10**	Alarm threshold 10 LSW	R/W	Lo.AL (Ar.10)	Hi.AL (Ar.10)	dPS.n (Ar.10)	1000	S.p.	✓	✓
573	**AL.10**	Alarm threshold 10 MSW	R/W	Lo.AL (Ar.10)	Hi.AL (Ar.10)	dPS.n (Ar.10)	0	S.p.	✓	✓
574	**A.Pid**	Active PID parameter group - 1	R	0	7	0	-	-	-	✓
575	**Ou.P**	PID control output	R	-100.0	100.0	1	-	%	-	✓
576	**Pot.1**	POT1 control output	R	-100.0	100.0	1	-	%	-	✓
577	**Pot.2**	POT2 control output	R	-100.0	100.0	1	-	%	-	✓
581	**UPd**	Software Version	R	0.00	99.99	2	-	-	✓	✓
582	**Err.1**	Input 1 error code	R	0	7	0	-	-	✓	✓
583	**Err.2**	Input 2 error code	R	0	7	0	-	-	✓	✓
584	**Err.3**	Input 3 error code	R	0	7	0	-	-	✓	✓
585	**Err.4**	Input 4 error code	R	0	7	0	-	-	✓	✓
586	**S.tu**	Enabling selftuning, autotuning and softstart	R/W	0	141	0	0	-	-	✓
587	**n.Pid**	Number of PID parameter groups	R/W	1	8	0	1	-	-	✓
588	**t.Pid**	Variable type for PID parameter groups selection	R/W	0	3	0	0	-	-	✓
589	**Pb.1**	Proportional band of group 1	R/W	0.0	999.9	1	100.0	%	-	✓
590	**It.1**	Integral time of group 1	R/W	0.0	999.9	1	4.0	sec	-	✓
591	**dt.1**	Derivative time of group 1	R/W	0.0	999.9	1	0.0	sec	-	✓
592	**PrS.1**	Reset power of group 1	R/W	-100.0	100.0	1	0.0	%	-	✓
593	**UAL.1**	Threshold for PID parameter group 1 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	100	S.p.	-	✓

594	**UAL.1**	Threshold for PID parameter group 1 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
595	**Pb.2**	Proportional band of group 2	R/W	0.0	999.9	1	100.0	%	-	✓
596	**It.2**	Integral time of group 2	R/W	0.0	999.9	1	4.0	sec	-	✓
597	**dt.2**	Derivative time of group 2	R/W	0.0	999.9	1	0.0	sec	-	✓
598	**PrS.2**	Reset power of group 2	R/W	-100.0	100.0	1	0.0	%	-	✓
599	**UAL.2**	Threshold for PID parameter group 2 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	200	S.p.	-	✓
600	**UAL.2**	Threshold for PID parameter group 2 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
601	**Pb.3**	Proportional band of group 3	R/W	0.0	999.9	1	100.0	%	-	✓
602	**It.3**	Integral time of group 3	R/W	0.0	999.9	1	4.0	sec	-	✓
603	**dt.3**	Derivative time of group 3	R/W	0.0	999.9	1	0.0	sec	-	✓
604	**PrS.3**	Reset power of group 3	R/W	-100.0	100.0	1	0.0	%	-	✓
605	**UAL.3**	Threshold for PID parameter group 3 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	300	S.p.	-	✓
606	**UAL.3**	Threshold for PID parameter group 3 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
607	**Pb.4**	Proportional band of group 4	R/W	0.0	999.9	1	100.0	%	-	✓
608	**It.4**	Integral time of group 4	R/W	0.0	999.9	1	4.0	sec	-	✓
609	**dt.4**	Derivative time of group 4	R/W	0.0	999.9	1	0.0	sec	-	✓
610	**PrS.4**	Reset power of group 4	R/W	-100.0	100.0	1	0.0	%	-	✓
611	**UAL.4**	Threshold for PID parameter group 4 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	400	S.p.	-	✓
612	**UAL.4**	Threshold for PID parameter group 4 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
613	**Pb.5**	Proportional band of group 5	R/W	0.0	999.9	1	100.0	%	-	✓
614	**It.5**	Integral time of group 5	R/W	0.0	999.9	1	4.0	sec	-	✓
615	**dt.5**	Derivative time of group 5	R/W	0.0	999.9	1	0.0	sec	-	✓
616	**PrS.5**	Reset power of group 5	R/W	-100.0	100.0	1	0.0	%	-	✓
617	**UAL.5**	Threshold for PID parameter group 5 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	500	S.p.	-	✓
618	**UAL.5**	Threshold for PID parameter group 5 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
619	**Pb.6**	Proportional band of group 6	R/W	0.0	999.9	1	100.0	%	-	✓
620	**It.6**	Integral time of group 6	R/W	0.0	999.9	1	4.0	sec	-	✓
621	**dt.6**	Derivative time of group 6	R/W	0.0	999.9	1	0.0	sec	-	✓

622	**PrS.6**	Reset power of group 6	R/W	-100.0	100.0	1	0.0	%	-	✓
623	**UAL.6**	Threshold for PID parameter group 6 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	600	S.p.	-	✓
624	**UAL.6**	Threshold for PID parameter group 6 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
625	**Pb.7**	Proportional band of group 7	R/W	0.0	999.9	1	100.0	%	-	✓
626	**It.7**	Integral time of group 7	R/W	0.0	999.9	1	4.0	sec	-	✓
627	**dt.7**	Derivative time of group 7	R/W	0.0	999.9	1	0.0	sec	-	✓
628	**PrS.7**	Reset power of group 7	R/W	-100.0	100.0	1	0.0	%	-	✓
629	**UAL.7**	Threshold for PID parameter group 7 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	700	S.p.	-	✓
630	**UAL.7**	Threshold for PID parameter group 7 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
631	**Pb.8**	Proportional band of group 8	R/W	0.0	999.9	1	100.0	%	-	✓
632	**It.8**	Integral time of group 8	R/W	0.0	999.9	1	4.0	sec	-	✓
633	**dt.8**	Derivative time of group 8	R/W	0.0	999.9	1	0.0	sec	-	✓
634	**PrS.8**	Reset power of group 8	R/W	-100.0	100.0	1	0.0	%	-	✓
635	**UAL.8**	Threshold for PID parameter group 8 selection LSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	800	S.p.	-	✓
636	**UAL.8**	Threshold for PID parameter group 8 selection MSW	R/W	(t.Pid)	(t.Pid)	(t.Pid)	0	S.p.	-	✓
									-	
661	**Lo.P**	Min power limit	R/W	-100.0	100.0	1	0.0	%	-	✓
662	**Hi.P**	Max power limit	R/W	-100.0	100.0	1	100.0	%	-	✓
663	**C.ME**	Cooling medium	R/W	0	2	0	0	-	-	✓
664	**c.SP**	Setpoint for cooling relative to heating setpoint	R/W	-25.0	25.0	1	0.0	%	-	✓
665	**rSt**	Manual reset	R/W	-999	999	dPS.n (SPU)	0	S.p.	-	✓
666	**A.rS**	Antireset	R/W	0	9999	dPS.n (SPU)	0	S.p.	-	✓
667	**FFd**	Feedforward	R/W	-100.0	100.0	1	0.0	%	-	✓
668	**Pr.dt**	Process dead time LSW	R/W	0	9999.9	1	0.0	sec	-	✓
669	**Pr.dt**	Process dead time MSW	R/W	0	9999.9	1	0.0	sec	-	✓
670	**Pr.GA**	Process gain	R/W	0.1	10.0	1	0.0	-	-	✓
671	**Pr.t1**	Process time costant LSW	R/W	0	9999.9	1	0.0	Sec	-	✓
672	**Pr.t1**	Process time costant MSW	R/W	0	9999.9	1	0.0	Sec	-	✓
673	**db**	Dead band	R/W	0	999	dPS.n (SPU)	0	S.p.	-	✓
674	**SoF**	Softstart time	R/W	0.0	500.0	1	0.0	min	-	✓

675	**Lb.t**	Waiting time for L.B.A. alarm intervention	R/W	0.0	500.0	1	30.0	min	-	✓
676	**Lb.P**	Power limit for L.B.A. alarm condition	R/W	-100.0	100.0	1	25.0	%	-	✓
677	**AM.P**	Local manual power output	R/W	-100.0	100.0	1	0.0	%	-	✓
678	**FA.P**	Power output in fault action	R/W	-100.0	100.0	1	0.0	%	-	✓
679	**G.SP**	Setpoint gradient	R/W	0.0	999.9	1	0.0	digit/min digit/sec	-	✓
680	**G.S2**	Setpoint 2 gradient	R/W	0.0	999.9	1	0.0	digit/min digit/sec	-	✓
681	**G.OUt**	Power output gradient	R/W	0.0	100.0	1	0.0	%/sec	-	✓
682	**St.Ud**	Pulse manual power output delta	R/W	0.1	100.0	1	0.0	%/pulse	-	✓
683	**SP.r**	Remote setpoint definition	R/W	0	13	0	2	-	-	✓
684	**Lo.SP**	Lower limit for setting setpoint LSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	0	S.p.	-	✓
685	**Lo.SP**	Lower limit for setting setpoint MSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	0	S.p.	-	✓
686	**Hi.SP**	Upper limit for setting setpoint LSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	3500	S.p.	-	✓
687	**Hi.SP**	Upper limit for setting setpoint MSW	R/W	LoS.n (SPU)	HiS.n (SPU)	dPS.n (SPU)	0	S.p.	-	✓
688	**MA.r**	Remote manual definition	R/W	0	5	0	0	-	-	✓
689	**MA.t**	Manual/automatic switching mode	R/W	0	9	0	0	-	-	✓
690	**A.M.t**	Automatic/manual switching mode	R/W	0	3	0	0	-	-	✓
691	**L.r.t**	Local/remote setpoint switching mode	R/W	0	19	0	0	-	-	✓
692	**P.On.t**	Power-on mode	R/W	0	22	0	0	-	-	✓
693	**Cod**	Unit identification code	R/W	0	247	0	1	-	✓	✓
694	**bAu**	Select baud rate	R/W	0	7	0	4	-	✓	✓
695	**Par**	Parity selection	R/W	0	2	0	0	-	✓	✓
696	**tyP.1**	Input 1 type	R/W	0	106	0	14	-	✓	✓
697	**FLt.1**	Digital filter input 1	R/W	0.00	20.00	2	0.10	sec	✓	✓
698	**dPS.1**	Decimal point position for input 1 scale	R/W	0	60	0	0	-	✓	✓
699	**LoS.1**	Min limit scale of input 1 LSW	R/W	-19999	99999	dPS.1	0	S.p.	✓	✓
700	**LoS.1**	Min limit scale of input 1 MSW	R/W	-19999	99999	dPS.1	0	S.p.	✓	✓
701	**HiS.1**	Max limit scale of input 1 LSW	R/W	-19999	99999	dPS.1	3500	S.p.	✓	✓
702	**HiS.1**	Max limit scale of input 1 MSW	R/W	-19999	99999	dPS.1	0	S.p.	✓	✓
703	**OFS.1**	Offset correction of input 1	R/W	-999	999	dPS.1	0	S.p.	✓	✓
704	**SGOF .1**	Strain-gauge offset of input 1	R/W	-9.999	9.999	3	0	mV	✓	✓

705	**SGSE .1**	Strain-gauge sensitivity of input 1	R/W	0.000	9.999	3	4.000	mV/V	✓	✓
706	**TyP.2**	Input 2 type	R/W	0	106	0	0	-	✓	✓
707	**FLt.2**	Digital filter input 2	R/W	0.00	20.00	2	0.10	sec	✓	✓
708	**dPS.2**	Decimal point position for input 2 scale	R/W	0	60	0	0	-	✓	✓
709	**LoS.2**	Min limit scale of input 2 LSW	R/W	-19999	99999	dPS.2	0	S.p.	✓	✓
710	**LoS.2**	Min limit scale of input 2 MSW	R/W	-19999	99999	dPS.2	0	S.p.	✓	✓
711	**HiS.2**	Max limit scale of input 2 LSW	R/W	-19999	99999	dPS.2	1000	S.p.	✓	✓
712	**HiS.2**	Max limit scale of input 2 MSW	R/W	-19999	99999	dPS.2	1000	S.p.	✓	✓
713	**oFS.2**	Offset correction of input 2	R/W	-999	999	dPS.2	0	S.p.	✓	✓
714	**SGOF .2**	Strain-gauge offset of input 2	R/W	-9.999	9.999	3	0	mV	✓	✓
715	**SGSE .2**	Strain-gauge sensitivity of input 2	R/W	0.000	9.999	3	4.000	mV/V	✓	✓
716	**tyP.3**	Input 3 type	R/W	0	36	0	1	-	✓	✓
717	**FLt.3**	Digital filter input 3	R/W	0.00	20.00	2	0.10	sec	✓	✓
718	**dPS.3**	Decimal point position for input 3 scale	R/W	0	12	0	0	-	✓	✓
719	**LoS.3**	Min limit scale of input 3 LSW	R/W	-19999	99999	dPS.3	0	S.p.	✓	✓
720	**LoS.3**	Min limit scale of input 3 MSW	R/W	-19999	99999	dPS.3	0	S.p.	✓	✓
721	**HiS.3**	Max limit scale of input 3 LSW	R/W	-19999	99999	dPS.3	1000	S.p.	✓	✓
722	**HiS.3**	Max limit scale of input 3 MSW	R/W	-19999	99999	dPS.3	0	S.p.	✓	✓
723	**oFS.3**	Offset correction of input 3	R/W	-999	999	dPS.3	0	S.p.	✓	✓
724	**tyP.4**	Input 4 type	R/W	0	36	0	1	-	✓	✓
725	**FLt.4**	Digital filter input 4	R/W	0.00	20.00	2	0.10	sec	✓	✓
726	**dPS.4**	Decimal point position for input 4 scale	R/W	0	12	0	0	-	✓	✓
727	**LoS.4**	Min limit scale of input 4 LSW	R/W	-19999	99999	dPS.4	0	S.p.	✓	✓
728	**LoS.4**	Min limit scale of input 4 MSW	R/W	-19999	99999	dPS.4	0	S.p.	✓	✓
729	**HiS.4**	Max limit scale of input 4 LSW	R/W	-19999	99999	dPS.4	1000	S.p.	✓	✓
730	**HiS.4**	Max limit scale of input 4 MSW	R/W	-19999	99999	dPS.4	1000	S.p.	✓	✓
731	**OFS.4**	Offset correction of input 4	R/W	-999	999	dPS.4	0	S.p.	✓	✓
732	**Ar.1**	Select reference signal for alarm 1	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
733	**At.1**	Alarm 1 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓

734	**Hy.1**	Hysteresis alarm 1	R/W	-9999	9999	(Ar.1)	-1	S.p.	✓	✓
735	**rA.1**	Delay alarm 1	R/W	0	999	0	0	msec/sec/ min	✓	✓
736	**bt.1**	Base time alarm 1	R/W	0	2	0	0	-	✓	✓
737	**Ar.2**	Select reference signal for alarm 2	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
738	**At.2**	Alarm 2 type	R/W	0	1439(2400)/131 1(2500)	0	0	-	✓	✓
739	**Hy.2**	Hysteresis alarm 2	R/W	-9999	9999	(Ar.2)	-1	S.p.	✓	✓
740	**rA.2**	Delay alarm 2	R/W	0	999	0	0	msec/sec/ min	✓	✓
741	**bt.2**	Base time alarm 3	R/W	0	2	0	0	-	✓	✓
742	**Ar.3**	Select reference signal for alarm 3	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
743	**At.3**	Alarm 3 type	R/W	0	1439(2400)/131 1(2500)	0	0	-	✓	✓
744	**Hy.3**	Hysteresis alarm 3	R/W	-9999	9999	(Ar.3)	-1	S.p.	✓	✓
745	**rA.3**	Delay alarm 3	R/W	0	999	0	0	msec/sec/ min	✓	✓
746	**bt.3**	Base time alarm 3	R/W	0	2	0	0	-	✓	✓
747	**Ar.4**	Select reference signal for alarm 3	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
748	**At.4**	Alarm 4 type	R/W	0	1439(2400)/131 1(2500)	0	0	-	✓	✓
749	**Hy.4**	Hysteresis alarm 4	R/W	-9999	9999	(Ar.4)	-1	S.p.	✓	✓
750	**rA.4**	Delay alarm 4	R/W	0	999	0	0	msec/sec/ min	✓	✓
751	**bt.4**	Base time alarm 4	R/W	0	2	0	0	-	✓	✓
752	**Ar.5**	Select reference signal for alarm 5	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
753	**At.5**	Alarm 5 type	R/W	0	1439(2400)/131 1(2500)	0	0	-	✓	✓
754	**Hy.5**	Hysteresis alarm 5	R/W	-9999	9999	(Ar.5)	-1	S.p.	✓	✓
755	**rA.5**	Delay alarm 5	R/W	0	999	0	0	msec/sec/ min	✓	✓
756	**bt.5**	Base time alarm 5	R/W	0	2	0	0	-	✓	✓
757	**Ar.6**	Select reference signal for alarm 6	R/W	0	50	0	0	-	✓	✓

					(2400)/18(2500)					
758	**At.6**	Alarm 6 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
759	**Hy.6**	Hysteresis alarm 6	R/W	-9999	9999	(Ar.6)	-1	S.p.	✓	✓
760	**rA.6**	Delay alarm 6	R/W	0	999	0	0	msec/sec/min	✓	✓
761	**bt.6**	Base time alarm 6	R/W	0	2	0	0	-	✓	✓
762	**Ar.7**	Select reference signal for alarm 7	R/W	0	18	0	0	-	✓	✓
763	**At.7**	Alarm 7 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
764	**Hy.7**	Hysteresis alarm 7	R/W	-9999	9999	(Ar.7)	-1	S.p.	✓	✓
765	**rA.7**	Delay alarm 7	R/W	0	999	0	0	Msec/sec/min	✓	✓
766	**Bt.7**	Base time alarm 7	R/W	0	2	0	0	-	✓	✓
767	**Ar.8**	Select reference signal for alarm 8	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
768	**At.8**	Alarm 8 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
769	**Hy.8**	Hysteresis alarm 8	R/W	-9999	9999	(Ar.8)	-1	S.p.	✓	✓
770	**rA.8**	Delay alarm 8	R/W	0	999	0	0	msec/sec/min	✓	✓
771	**bt.8**	Base time alarm 8	R/W	0	2	0	0	-	✓	✓
772	**Ar.9**	Select reference signal for alarm 9	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
773	**At.9**	Alarm 9 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
774	**Hy.9**	Hysteresis alarm 9	R/W	-9999	9999	(Ar.9)	-1	S.p.	✓	✓
775	**rA.9**	Delay alarm 9	R/W	0	999	0	0	msec/sec/min	✓	✓
776	**Bt.9**	Base time alarm 9	R/W	0	2	0	0	-	✓	✓
777	**Ar.10**	Select reference signal for alarm 3	R/W	0	50 (2400)/18(2500)	0	0	-	✓	✓
778	**At.10**	Alarm 10 type	R/W	0	1439(2400)/1311(2500)	0	0	-	✓	✓
779	**Hy.10**	Hysteresis alarm 10	R/W	-9999	9999	(Ar.10)	-1	S.p.	✓	✓
780	**rA.10**	Delay alarm 10	R/W	0	999	0	0	msec/sec/min	✓	✓

781	**bt.10**	Base time alarm 10	R/W	0	2	0	0	-	✓	✓
782	**Lo.AL**	Lower limit for setting alarms LSW	R/W	-19999	99999	0	0	-	✓	✓
783	**Lo.AL**	Lower limit for setting alarms MSW	R/W	-19999	99999	0	0	-	✓	✓
784	**Hi.AL**	Upper limit for setting alarms LSW	R/W	-19999	99999	0	3500	-	✓	✓
785	**Hi.AL**	Upper limit for setting alarms MSW	R/W	-19999	99999	0	0	-	✓	✓
786	**rEL**	Fault action (sets state in case of probe fault)	R/W	0	23	0	0	-	✓	✓
787	**rL.1**	Reference signal of Out1	R/W	0	60	0	1	-	✓	✓
788	**Ct.1**	Cycle time of Out1	R/W	1	200	0	20	sec	-	✓
789	**rL.2**	Reference signal of Out2	R/W	0	60	0	2	-	✓	✓
790	**Ct.2**	Cycle time of Out2	R/W	1	200	0	20	sec	-	✓
791	**rL.3**	Reference signal of Out3	R/W	0	60	0	3	-	✓	✓
792	**Ct.3**	Cycle time of Out3	R/W	1	200	0	20	sec	-	✓
793	**rL.4**	Reference signal of Out4	R/W	0	60	0	4	-	✓	✓
794	**Ct.4**	Cycle time of Out4	R/W	1	200	0	20	Sec	-	✓
795	**rL.5**	Reference signal of Out5	R/W	0	60	0	0	-	-	✓
796	**rL.6**	Reference signal of Out6	R/W	0	60	0	0	-	-	✓
797	**rL.7**	Reference signal of Out7	R/W	0	60	0	0	-	-	✓
798	**rL.8**	Reference signal of Out8	R/W	0	60	0	0	-	-	✓
799	**Typ.An**	Type of analog output OUTW	R/W	0	13	0	0	-	✓	✓
800	**rif.An**	Reference for analog output OUTW	R/W	0	35	0	0	-	✓	✓
801	**Lo.An**	Minimum scale of analog output OUTW LSW	R/W	-19999	99999	0	0	-	✓	✓
802	**Lo.An**	Minimum scale of analog output OUTW LSW	R/W	-19999	99999	0	0	-	✓	✓
803	**Hi.An**	Maximum scale of analog output OUTW MSW	R/W	-19999	99999	0	3500	-	✓	✓
804	**Hi.An**	Maximum scale of analog output OUTW MSW	R/W	-19999	99999	0	0	-	✓	✓
805	**TypC.1**	Type of analog output C1	R/W	0	26	0	1	-	-	✓
806	**TypC.2**	Type of analog output C2	R/W	0	26	0	0	-	-	✓
807	**ALS**	Power of probe	R/W	0	3	0	2	-	✓	✓
808	**Pro**	Protection code	R/W	0	61(2400) / 63 (2500)	0	0	-	✓	✓

809	**Hd.1**	Hardware configuration	R/W	0	30(2400) / 15(2500)	0	8	-	✓	✓
810	**Ctr**	Control type	R/W	0	118	0	0	-	-	✓
811	**THL.1**	Type of power limitation for POT1	R/W	0	6	0	3	-	-	✓
812	**THL.2**	Type of power limitation for POT2	R/W	0	6	0	4	-	-	✓
813	**TOF.1**	Selection of power offset for POT1	R/W	0	10	0	0	-	-	✓
814	**TOF.2**	Selection of power offset for POT2	R/W	0	10	0	0	-	-	✓
815	**Func. A**	Definition of math function A	R/W	0	8	0	0	-	✓	✓
816	**In1.A**	Definition of first operand of math function A	R/W	0	6	0	0	-	✓	✓
817	**In2.A**	Definition of second operand of math function A	R/W	0	6	0	0	-	✓	✓
818	**OPEr. A**	Definition of operation of math function A	R/W	0	3	0	0	-	✓	✓
819	**C1.A**	Definition of first coefficient of math function A	R/W	-9.99	99.99	2	0	-	✓	✓
820	**C2.A**	Definition of second coefficient of math function A	R/W	0	2	0	0	-	✓	✓
821	**C3.A**	Definition of third coefficient of math function A	R/W	-9.99	99.99	2	0	-	✓	✓
822	**C4.A**	Definition of fourth coefficient of math function A	R/W	0	2	0	0	-	✓	✓
823	**C5.A**	Definition of fifth coefficient of math function A	R/W	-9.99	99.99	2	0	-	✓	✓
824	**Func. b**	Definition of math function B	R/W	0	8	0	0	-	✓	✓
825	**In1.b**	Definition of first operand of math function B	R/W	0	6	0	0	-	✓	✓
826	**In2.b**	Definition of second operand of math function B	R/W	0	6	0	0	-	✓	✓
827	**OPEr. b**	Definition of operation of math function B	R/W	0	3	0	0	-	✓	✓
828	**C1.b**	Definition of first coefficient of math function B	R/W	-9.99	99.99	2	0	-	✓	✓
829	**C2.b**	Definition of second coefficient of math function B	R/W	0	2	0	0	-	✓	✓

830	**C3.b**	Definition of third coefficient of math function B	R/W	-9.99	99.99	2	0	-	✓	✓
831	**C4.b**	Definition of fourth coefficient of math function B	R/W	0	2	0	0	-	✓	✓
832	**C5.b**	Definition of fifth coefficient of math function B	R/W	-9.99	99.99	2	0	-	✓	✓
833	**SPU**	Definition of process variable	R/W	0	5	0	0	-	-	✓
834	**AL.n**	Select number of enabled alarms	R/W	0	10	0	4	-	✓	✓
835	**but.1**	Function of PEAK key	R/W	0	125(2400) / 112 (2500)	0	8	-	✓	✓
836	**but.2**	Function of CAL/RST key	R/W	0	125(2400) / 112 (2500)	0	15	-	✓	✓
837	**but.3**	Function of M/A key	R/W	0	125(2400) / 112 (2500)	0	13	-	✓	✓
838	**diG.1**	Function of digital input 1	R/W	0	255	0	0	-	✓	✓
839	**diG.2**	Function of digital input 2	R/W	0	255	0	0	-	✓	✓
840	**diG.3**	Function of digital input 3	R/W	0	255	0	0	-	-	✓
841	**diG.4**	Function of digital input 4	R/W	0	255	0	0	-	-	✓
842	**diG.5**	Function of digital input 5	R/W	0	255	0	0	-	-	✓
843	**diG.6**	Function of digital input 6	R/W	0	255	0	0	-	-	✓
844	**diG.7**	Function of digital input 7	R/W	0	255	0	0	-	-	✓
845	**diG.8**	Function of digital input 8	R/W	0	255	0	0	-	-	✓
846	**FLd**	Digital filter on input display	R/W	0.0	9.9	1	0.5	S.p.	✓	✓
847	**dS.SP**	Definition of SV display function	R/W	1(2400) / 0(2500)	154(2400) / 27(2500)	0	0	-	✓	✓
848	**dS.F**	Definition of F display function	R/W	0	19(2400) / 11(2500)	0	7	-	✓	✓
849	**LEd.1**	Function of LED 1	R/W	0	123(2400) / 117(2500)	0	33	-	✓	✓
850	**LEd.2**	Function of LED 2	R/W	0	123(2400) / 117(2500)	0	2	-	✓	✓
851	**LEd.3**	Function of LED 3	R/W	0	123(2400) / 117(2500)	0	20	-	✓	✓
852	**LEd.4**	Function of LED 4	R/W	0	123(2400) / 117(2500)	0	13	-	✓	✓
853	**LEd.5**	Function of LED 5	R/W	0	123(2400) / 117(2500)	0	14	-	-	✓

854	**brG**	Function of bargraph	R/W	0	18	0	2	-	-	✓
858	**tYP.L**	Type of custom linearization	R/W	0	5	0	0	-	✓	✓
859	**StEP.n**	Custom linearization number of steps	R/W	1	32	0	32	-	✓	✓
860	**S.00**	Step 0 custom scale LSW	R/W	-19999	99999	0	0	S.p.	✓	✓
861	**S.00**	Step 0 custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
862	**S.01A**	Step 1A custom scale LSW	R/W	-19999	99999	0	313	-	✓	✓
863	**S.01A**	Step 1A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
864	**S.01b**	Step 1b custom scale LSW	R/W	-19999	99999	0	31	S.p.	✓	✓
865	**S.01b**	Step 1b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
866	**S.02A**	Step 2A custom scale LSW	R/W	-19999	99999	0	625	-	✓	✓
867	**S.02A**	Step 2A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
868	**S.02b**	Step 2b custom scale LSW	R/W	-19999	99999	0	63	S.p.	✓	✓
869	**S.02b**	Step 2b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
870	**S.03A**	Step 3A custom scale LSW	R/W	-19999	99999	0	938	-	✓	✓
871	**S.03A**	Step 3A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
872	**S.03b**	Step 3b custom scale LSW	R/W	-19999	99999	0	94	S.p.	✓	✓
873	**S.03b**	Step 3b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
874	**S.04A**	Step 4A custom scale LSW	R/W	-19999	99999	0	1250	-	✓	✓
875	**S.04A**	Step 4A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
876	**S.04b**	Step 4b custom scale LSW	R/W	-19999	99999	0	125	S.p.	✓	✓
877	**S.04b**	Step 4b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
878	**S.05A**	Step 5A custom scale LSW	R/W	-19999	99999	0	1563	-	✓	✓
879	**S.05A**	Step 5A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
880	**S.05b**	Step 5b custom scale LSW	R/W	-19999	99999	0	156	S.p.	✓	✓
881	**S.05b**	Step 5b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
882	**S.06A**	Step 6A custom scale LSW	R/W	-19999	99999	0	1875	-	✓	✓
883	**S.06A**	Step 6A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
884	**S.06b**	Step 6b custom scale LSW	R/W	-19999	99999	0	188	S.p.	✓	✓
885	**S.06b**	Step 6b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
886	**S.07A**	Step 7A custom scale LSW	R/W	-19999	99999	0	2188	-	✓	✓
887	**S.07A**	Step 7A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
888	**S.07b**	Step 7b custom scale LSW	R/W	-19999	99999	0	219	S.p.	✓	✓
889	**S.07b**	Step 7b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
890	**S.08A**	Step 8A custom scale LSW	R/W	-19999	99999	0	2500	-	✓	✓

891	**S.08A**	Step 8A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
892	**S.08b**	Step 8b custom scale LSW	R/W	-19999	99999	0	250	S.p.	✓	✓
893	**S.08b**	Step 8b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
894	**S.09A**	Step 9A custom scale LSW	R/W	-19999	99999	0	2813	-	✓	✓
895	**S.09A**	Step 9A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
896	**S.09b**	Step 9b custom scale LSW	R/W	-19999	99999	0	281	S.p.	✓	✓
897	**S.09b**	Step 9b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
898	**S.10A**	Step 10A custom scale LSW	R/W	-19999	99999	0	3125	-	✓	✓
899	**S.10A**	Step 10A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
900	**S.10b**	Step 10b custom scale LSW	R/W	-19999	99999	0	313	S.p.	✓	✓
901	**S.10b**	Step 10b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
902	**S.11A**	Step 11A custom scale LSW	R/W	-19999	99999	0	3438	-	✓	✓
903	**S.11A**	Step 11A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
904	**S.11b**	Step 11b custom scale LSW	R/W	-19999	99999	0	344	S.p.	✓	✓
905	**S.11b**	Step 11b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
906	**S.12A**	Step 12A custom scale LSW	R/W	-19999	99999	0	3750	-	✓	✓
907	**S.12A**	Step 12A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
908	**S.12b**	Step 12b custom scale LSW	R/W	-19999	99999	0	375	S.p.	✓	✓
909	**S.12b**	Step 12b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
910	**S.13A**	Step 13A custom scale LSW	R/W	-19999	99999	0	4063	-	✓	✓
911	**S.13A**	Step 13A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
912	**S.13b**	Step 13b custom scale LSW	R/W	-19999	99999	0	406	S.p.	✓	✓
913	**S.13b**	Step 13b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
914	**S.14A**	Step 14A custom scale LSW	R/W	-19999	99999	0	4375	-	✓	✓
915	**S.14A**	Step 14A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
916	**S.14b**	Step 14b custom scale LSW	R/W	-19999	99999	0	438	S.p.	✓	✓
917	**S.14b**	Step 14b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
918	**S.15A**	Step 15A custom scale LSW	R/W	-19999	99999	0	4688	-	✓	✓
919	**S.15A**	Step 15A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
920	**S.15b**	Step 15b custom scale LSW	R/W	-19999	99999	0	469	S.p.	✓	✓
921	**S.15b**	Step 15b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
922	**S.16A**	Step 16A custom scale LSW	R/W	-19999	99999	0	5000	-	✓	✓
923	**S.16A**	Step 16A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
924	**S.16b**	Step 16b custom scale LSW	R/W	-19999	99999	0	500	S.p.	✓	✓
925	**S.16b**	Step 16b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
926	**S.17A**	Step 17A custom scale LSW	R/W	-19999	99999	0	5313	-	✓	✓

927	**S.17A**	Step 17A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
928	**S.17b**	Step 17b custom scale LSW	R/W	-19999	99999	0	531	S.p.	✓	✓
929	**S.17b**	Step 17b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
930	**S.18A**	Step 18A custom scale LSW	R/W	-19999	99999	0	5625	-	✓	✓
931	**S.18A**	Step 18A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
932	**S.18b**	Step 18b custom scale LSW	R/W	-19999	99999	0	563	S.p.	✓	✓
933	**S.18b**	Step 18b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
934	**S.19A**	Step 19A custom scale LSW	R/W	-19999	99999	0	5938	-	✓	✓
935	**S.19A**	Step 19A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
936	**S.19b**	Step 19b custom scale LSW	R/W	-19999	99999	0	594	S.p.	✓	✓
937	**S.19b**	Step 19b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
938	**S.20A**	Step 20A custom scale LSW	R/W	-19999	99999	0	6250	-	✓	✓
939	**S.20A**	Step 20A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
940	**S.20b**	Step 20b custom scale LSW	R/W	-19999	99999	0	625	S.p.	✓	✓
941	**S.20b**	Step 20b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
942	**S.21A**	Step 21A custom scale LSW	R/W	-19999	99999	0	6563	-	✓	✓
943	**S.21A**	Step 21A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
944	**S.21b**	Step 21b custom scale LSW	R/W	-19999	99999	0	656	S.p.	✓	✓
945	**S.21b**	Step 21b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
946	**S.22A**	Step 22A custom scale LSW	R/W	-19999	99999	0	6875	-	✓	✓
947	**S.22A**	Step 22A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
948	**S.22b**	Step 22b custom scale LSW	R/W	-19999	99999	0	688	S.p.	✓	✓
949	**S.22b**	Step 22b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
950	**S.23A**	Step 23A custom scale LSW	R/W	-19999	99999	0	7188	-	✓	✓
951	**S.23A**	Step 23A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
952	**S.23b**	Step 23b custom scale LSW	R/W	-19999	99999	0	719	S.p.	✓	✓
953	**S.23b**	Step 23b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
954	**S.24A**	Step 24A custom scale LSW	R/W	-19999	99999	0	7500	-	✓	✓
955	**S.24A**	Step 24A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
956	**S.24b**	Step 24b custom scale LSW	R/W	-19999	99999	0	750	S.p.	✓	✓
957	**S.24b**	Step 24b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
958	**S.25A**	Step 25A custom scale LSW	R/W	-19999	99999	0	7813	-	✓	✓
959	**S.25A**	Step 25A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
960	**S.25b**	Step 25b custom scale LSW	R/W	-19999	99999	0	781	S.p.	✓	✓
961	**S.25b**	Step 25b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
962	**S.26A**	Step 26A custom scale LSW	R/W	-19999	99999	0	8125	-	✓	✓

963	**S.26A**	Step 26A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
964	**S.26b**	Step 26b custom scale LSW	R/W	-19999	99999	0	813	S.p.	✓	✓
965	**S.26b**	Step 26b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
966	**S.27A**	Step 27A custom scale LSW	R/W	-19999	99999	0	8438	-	✓	✓
967	**S.27A**	Step 27A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
968	**S.27b**	Step 27b custom scale LSW	R/W	-19999	99999	0	844	S.p.	✓	✓
969	**S.27b**	Step 27b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
970	**S.28A**	Step 28A custom scale LSW	R/W	-19999	99999	0	8750	-	✓	✓
971	**S.28A**	Step 28A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
972	**S.28b**	Step 28b custom scale LSW	R/W	-19999	99999	0	875	S.p.	✓	✓
973	**S.28b**	Step 28b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
974	**S.29A**	Step 29A custom scale LSW	R/W	-19999	99999	0	9063	-	✓	✓
975	**S.29A**	Step 29A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
976	**S.29b**	Step 29b custom scale LSW	R/W	-19999	99999	0	906	S.p.	✓	✓
977	**S.29b**	Step 29b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
978	**S.30A**	Step 30A custom scale LSW	R/W	-19999	99999	0	9375	-	✓	✓
979	**S.30A**	Step 30A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
980	**S.30b**	Step 30b custom scale LSW	R/W	-19999	99999	0	938	S.p.	✓	✓
981	**S.30b**	Step 30b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
982	**S.31A**	Step 31A custom scale LSW	R/W	-19999	99999	0	9688	-	✓	✓
983	**S.31A**	Step 31A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
984	**S.31b**	Step 31b custom scale LSW	R/W	-19999	99999	0	969	S.p.	✓	✓
985	**S.31b**	Step 31b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
986	**S.32A**	Step 32A custom scale LSW	R/W	-19999	99999	0	10000	-	✓	✓
987	**S.32A**	Step 32A custom scale MSW	R/W	-19999	99999	0	0	-	✓	✓
988	**S.32b**	Step 32b custom scale LSW	R/W	-19999	99999	0	1000	S.p.	✓	✓
989	**S.32b**	Step 32b custom scale MSW	R/W	-19999	99999	0	0	S.p.	✓	✓
990	**S.tc1**	Step TC custom: mV at beginning scale	R/W	-19.99	99.99	2	0	mV	✓	✓
991	**S.tc2**	Step TC custom: mV at full scale	R/W	S.tc1+1	99.99	2	1	mV	✓	✓
992	**S.tc3**	Step TC custom: mV at 50°C	R/W	-1.999	9.999	3	0	mV	✓	✓
993	**-**	SIN: irtual instrument inputs enable: bit0 = indig1, bit1 = indig2, bit3 = indig4, bit4 = indig5, bit5 = indig6, bit6 = indig7, bit7 = indig8, bit8 = in1, bit9 = in2, bit10 = in3, bit11 = in4	R/W	-	-	-	-	-	✓	✓

994	-	SOU: abilitazione uscite strumento virtuale: bit0 = out1, bit1 = out2, bit2 = out3, bit3 = out4, bit4 = out5, bit5 = out6, bit6 = out7, bit7 = out8, bit10 = outcal1, bit11 = outcal2, bit12 = outwc1, bit13 = outwc2, bit14 = outwan, bit15 = type	R/W	-	-	-	-	-	✓	✓
995	-	SUI: virtual instrument user interface enable: bit0 = disphigh, bit1 = displow, bit2 = dispaux, bit3 = keyb, bit4 = ledout, bit5 = ledfun, bit6 = leddev, bit7 = ledbrg	R/W	-	-	-	-	-	✓	✓
996	-	SULO: virtual instrument out led enable	R/W	-	-	-	-	-	✓	✓
997	-	SULF: virtual instrument function led enable: bit0 = ledfun1, bit1 = ledfun2, bit2 = ledfun3, bit3 = ledfun4, bit4 = ledfun5	R/W	-	-	-	-	-	✓	✓
998	-	BLOK_UCAL_C00 IN1 LSW	R	-	-	-	-	-	✓	✓
999	-	BLOK_UCAL_C00 IN1 MSW	R	-	-	-	-	-	✓	✓
1000	-	BLOK_UCAL_C50 IN1 LSW	R	-	-	-	-	-	✓	✓
1001	-	BLOK_UCAL_C50 IN1 MSW	R	-	-	-	-	-	✓	✓
1002	-	BLOK_UCAL_CTA IN1 LSW	R	-	-	-	-	-	✓	✓
1003	-	BLOK_UCAL_CTA IN1	R	-	-	-	-	-	✓	✓
1004	-	BLOK_UCAL_PT100L IN1 LSW	R	-	-	-	-	-	✓	✓
1005	-	BLOK_UCAL_PT100L IN1	R	-	-	-	-	-	✓	✓
1006	-	BLOK_UCAL_PT100H IN1 LSW	R	-	-	-	-	-	✓	✓
1007	-	BLOK_UCAL_PT100H IN1	R	-	-	-	-	-	✓	✓
1008	-	BLOK_UCAL_PT1003F L IN1 LSW	R	-	-	-	-	-	✓	✓
1009	-	BLOK_UCAL_PT1003F L IN1 MSW	R	-	-	-	-	-	✓	✓
1010	-	BLOK_UCAL_PT1003F H IN1 LSW	R	-	-	-	-	-	✓	✓
1011	-	BLOK_UCAL_PT1003FH IN1 MSW	R	-	-	-	-	-	✓	✓
1012	-	BLOK_UCAL_60MVL IN1 LSW	R	-	-	-	-	-	✓	✓
1013	-	BLOK_UCAL_60MVL IN1 MSW	R	-	-	-	-	-	✓	✓

1014	-	BLOK_UCAL_60MVH IN1 LSW	R	-	-	-	-	-	✓	✓
1015	-	BLOK_UCAL_60MVH IN1 MSW	R	-	-	-	-	-	✓	✓
1016	-	BLOK_UCAL_100MVL IN1 LSW	R	-	-	-	-	-	✓	✓
1017	-	BLOK_UCAL_100MVL IN1 MSW	R	-	-	-	-	-	✓	✓
1018	-	BLOK_UCAL_100MVH IN1 LSW	R	-	-	-	-	-	✓	✓
1019	-	BLOK_UCAL_100MVH IN1 MSW	R	-	-	-	-	-	✓	✓
1020	-	BLOK_UCAL_1VL IN1 LSW	R	-	-	-	-	-	✓	✓
1021	-	BLOK_UCAL_1VL IN1 MSW	R	-	-	-	-	-	✓	✓
1022	-	BLOK_UCAL_1VH IN1 LSW	R	-	-	-	-	-	✓	✓
1023	-	BLOK_UCAL_1VH IN1 MSW	R	-	-	-	-	-	✓	✓
1024	-	BLOK_UCAL_5VL IN1 LSW	R	-	-	-	-	-	✓	✓
1025	-	BLOK_UCAL_5VL IN1 MSW	R	-	-	-	-	-	✓	✓
1026	-	BLOK_UCAL_5VH IN1 LSW	R	-	-	-	-	-	✓	✓
1027	-	BLOK_UCAL_5VH IN1 MSW	R	-	-	-	-	-	✓	✓
1028	-	BLOK_UCAL_10VL IN1 LSW	R	-	-	-	-	-	✓	✓
1029	-	BLOK_UCAL_10VL IN1 MSW	R	-	-	-	-	-	✓	✓
1030	-	BLOK_UCAL_10VH IN1 LSW	R	-	-	-	-	-	✓	✓
1031	-	BLOK_UCAL_10VH IN1 MSW	R	-	-	-	-	-	✓	✓
1032	-	BLOK_UCAL_20MAL IN1 LSW	R	-	-	-	-	-	✓	✓
1033	-	BLOK_UCAL_20MAL IN1 MSW	R	-	-	-	-	-	✓	✓
1034	-	BLOK_UCAL_20MAH IN1 LSW	R	-	-	-	-	-	✓	✓
1035	-	BLOK_UCAL_20MAH IN1 MSW	R	-	-	-	-	-	✓	✓
1036	-	BLOK_UCAL_POTL IN1 LSW	R	-	-	-	-	-	✓	✓
1037	-	BLOK_UCAL_POTL IN1 MSW	R	-	-	-	-	-	✓	✓
1038	-	BLOK_UCAL_POTH IN1 LSW	R	-	-	-	-	-	✓	✓
1039	-	BLOK_UCAL_POTH IN1 MSW	R	-	-	-	-	-	✓	✓
1040	-	BLOK_UCAL_SG1 IN1 LSW	R	-	-	-	-	-	✓	✓
1041	-	BLOK_UCAL_SG1 IN1 MSW	R	-	-	-	-	-	✓	✓
1042	-	BLOK_UCAL_SG2 IN1 LSW	R	-	-	-	-	-	✓	✓
1043	-	BLOK_UCAL_SG2 IN1 MSW	R	-	-	-	-	-	✓	✓
1044	-	BLOK_UCAL_SG3 IN1 LSW	R	-	-	-	-	-	✓	✓
1045	-	BLOK_UCAL_SG3 IN1 MSW	R	-	-	-	-	-	✓	✓
1046	-	BLOK_UCAL_C00 IN2 LSW	R	-	-	-	-	-	✓	✓
1047	-	BLOK_UCAL_C00 IN2 MSW	R	-	-	-	-	-	✓	✓
1048	-	BLOK_UCAL_C50 IN2 LSW	R	-	-	-	-	-	✓	✓
1049	-	BLOK_UCAL_C50 IN2 MSW	R	-	-	-	-	-	✓	✓

1050	-	BLOK_UCAL_CTA IN2 LSW	R	-	-	-	-	-	✓	✓
1051	-	BLOK_UCAL_CTA IN2 MSW	R	-	-	-	-	-	✓	✓
1052	-	BLOK_UCAL_PT100L IN2 LSW	R	-	-	-	-	-	✓	✓
1053	-	BLOK_UCAL_PT100L IN2 MSW	R	-	-	-	-	-	✓	✓
1054	-	BLOK_UCAL_PT100H IN2 LSW	R	-	-	-	-	-	✓	✓
1055	-	BLOK_UCAL_PT100H IN2 MSW	R	-	-	-	-	-	✓	✓
1056	-	BLOK_UCAL_PT1003FL IN2 LSW	R	-	-	-	-	-	✓	✓
1057	-	BLOK_UCAL_PT1003F L IN2 MSW	R	-	-	-	-	-	✓	✓
1058	-	BLOK_UCAL_PT1003F H IN2 LSW	R	-	-	-	-	-	✓	✓
1059	-	BLOK_UCAL_PT1003F H IN2 MSW	R	-	-	-	-	-	✓	✓
1060	-	BLOK_UCAL_60MVL IN2 LSW	R	-	-	-	-	-	✓	✓
1061	-	BLOK_UCAL_60MVL IN2	R	-	-	-	-	-	✓	✓
1062	-	BLOK_UCAL_60MVH IN2 LSW	R	-	-	-	-	-	✓	✓
1063	-	BLOK_UCAL_60MVH IN2 MSW	R	-	-	-	-	-	✓	✓
1064	-	BLOK_UCAL_100MVL IN2 LSW	R	-	-	-	-	-	✓	✓
1065	-	BLOK_UCAL_100MVL IN2 MSW	R	-	-	-	-	-	✓	✓
1066	-	BLOK_UCAL_100MVH IN2 LSW	R	-	-	-	-	-	✓	✓
1067	-	BLOK_UCAL_100MVH IN2 MSW	R	-	-	-	-	-	✓	✓
1068	-	BLOK_UCAL_1VL IN2 LSW	R	-	-	-	-	-	✓	✓
1069	-	BLOK_UCAL_1VL IN2 MSW	R	-	-	-	-	-	✓	✓
1070	-	BLOK_UCAL_1VH IN2 LSW	R	-	-	-	-	-	✓	✓
1071	-	BLOK_UCAL_1VH IN2 MSW	R						✓	✓
1072	-	BLOK_UCAL_5VL IN2 LSW	R	-	-	-	-	-	✓	✓
1073	-	BLOK_UCAL_5VL IN2 MSW	R	-	-	-	-	-	✓	✓
1074	-	BLOK_UCAL_5VH IN2 LSW	R	-	-	-	-	-	✓	✓
1075	-	BLOK_UCAL_5VH IN2 MSW	R	-	-	-	-	-	✓	✓
1076	-	BLOK_UCAL_10VL IN2 LSW	R	-	-	-	-	-	✓	✓
1077	-	BLOK_UCAL_10VL IN2 MSW	R	-	-	-	-	-	✓	✓
1078	-	BLOK_UCAL_10VH IN2 LSW	R	-	-	-	-	-	✓	✓
1079	-	BLOK_UCAL_10VH IN2 MSW	R	-	-	-	-	-	✓	✓
1080	-	BLOK_UCAL_20MAL IN2 LSW	R	-	-	-	-	-	✓	✓
1081	-	BLOK_UCAL_20MAL IN2 MSW	R	-	-	-	-	-	✓	✓
1082	-	BLOK_UCAL_20MAH IN2 LSW	R	-	-	-	-	-	✓	✓
1083	-	BLOK_UCAL_20MAH IN2 MSW	R	-	-	-	-	-	✓	✓

1084	-	BLOK_UCAL_POTL IN2 LSW	R	-	-	-	-	-	✓	✓
1085	-	BLOK_UCAL_POTL IN2 MSW	R	-	-	-	-	-	✓	✓
1086	-	BLOK_UCAL_POTH IN2 LSW	R	-	-	-	-	-	✓	✓
1087	-	BLOK_UCAL_POTH IN2 MSW	R	-	-	-	-	-	✓	✓
1088	-	BLOK_UCAL_SG1 IN2 LSW	R	-	-	-	-	-	✓	✓
1089	-	BLOK_UCAL_SG1 IN2 MSW	R	-	-	-	-	-	✓	✓
1090	-	BLOK_UCAL_SG2 IN2 LSW	R	-	-	-	-	-	✓	✓
1091	-	BLOK_UCAL_SG2 IN2 MSW	R	-	-	-	-	-	✓	✓
1092	-	BLOK_UCAL_SG3 IN2 LSW	R	-	-	-	-	-	✓	✓
1093	-	BLOK_UCAL_SG3 IN2 MSW	R	-	-	-	-	-	✓	✓
1094	-	BLOK_UCAL_10VL IN3 LSW	R	-	-	-	-	-	✓	✓
1095	-	BLOK_UCAL_10VL IN3 MSW	R	-	-	-	-	-	✓	✓
1096	-	BLOK_UCAL_10VH IN3 LSW	R	-	-	-	-	-	✓	✓
1097	-	BLOK_UCAL_10VH IN3 MSW	R	-	-	-	-	-	✓	✓
1098	-	BLOK_UCAL_20MAL IN3 LSW	R	-	-	-	-	-	✓	✓
1099	-	BLOK_UCAL_20MAL IN3 MSW	R	-	-	-	-	-	✓	✓
1100	-	BLOK_UCAL_20MAH IN3 LSW	R	-	-	-	-	-	✓	✓
1101	-	BLOK_UCAL_20MAH IN3 MSW	R	-	-	-	-	-	✓	✓
1102	-	BLOK_UCAL_POTL IN3 LSW	R	-	-	-	-	-	✓	✓
1103	-	BLOK_UCAL_POTL IN3 MSW	R	-	-	-	-	-	✓	✓
1104	-	BLOK_UCAL_POTH IN3 LSW	R	-	-	-	-	-	✓	✓
1105	-	BLOK_UCAL_POTH IN3 MSW	R	-	-	-	-	-	✓	✓
1106	-	BLOK_UCAL_10VL IN4 LSW	R	-	-	-	-	-	✓	✓
1107	-	BLOK_UCAL_10VL IN4 MSW	R	-	-	-	-	-	✓	✓
1108	-	BLOK_UCAL_10VH IN4 LSW	R	-	-	-	-	-	✓	✓
1109	-	BLOK_UCAL_10VH IN4 MSW	R	-	-	-	-	-	✓	✓
1110	-	BLOK_UCAL_20MAL IN4 LSW	R	-	-	-	-	-	✓	✓
1111	-	BLOK_UCAL_20MAL IN4 MSW	R	-	-	-	-	-	✓	✓
1112	-	BLOK_UCAL_20MAH IN4 LSW	R	-	-	-	-	-	✓	✓
1113	-	BLOK_UCAL_20MAH IN4 MSW	R	-	-	-	-	-	✓	✓
1114	-	BLOK_UCAL_POTL IN4 LSW	R	-	-	-	-	-	✓	✓
1115	-	BLOK_UCAL_POTL IN4 MSW	R	-	-	-	-	-	✓	✓
1116	-	BLOK_UCAL_POTH IN4 LSW	R	-	-	-	-	-	✓	✓
1117	-	BLOK_UCAL_POTH IN4 MSW	R	-	-	-	-	-	✓	✓
1118	-	BLOK_UCAL_OUTW_010VL OUTW C1	R	-	-	-	-	-	-	✓

1119	-	BLOK_UCAL_OUTW_010VH OUTW C1	R	-	-	-	-	-	-	✓
1120	-	BLOK_UCAL_OUTW_210VL OUTW C1	R	-	-	-	-	-	-	✓
1121	-	BLOK_UCAL_OUTW_210VH OUTW C1	R	-	-	-	-	-	-	✓
1122	-	BLOK_UCAL_OUTW_020MAL OUTW C1	R	-	-	-	-	-	-	✓
1123	-	BLOK_UCAL_OUTW_020MAH OUTW C1	R	-	-	-	-	-	-	✓
1124	-	BLOK_UCAL_OUTW_420MAL OUTW C1	R	-	-	-	-	-	-	✓
1125	-	BLOK_UCAL_OUTW_420MAH OUTW C1	R	-	-	-	-	-	-	✓
1126	-	BLOK_UCAL_OUTW_S10VL OUTW C1	R	-	-	-	-	-	-	✓
1127	-	BLOK_UCAL_OUTW_S10VH OUTW C1	R	-	-	-	-	-	-	✓
1128	-	BLOK_UCAL_OUTW_010VL OUTW C2	R	-	-	-	-	-	-	✓
1129	-	BLOK_UCAL_OUTW_010VH OUTW C2	R	-	-	-	-	-	-	✓
1130	-	BLOK_UCAL_OUTW_210VL OUTW C2	R	-	-	-	-	-	-	✓
1131	-	BLOK_UCAL_OUTW_210VH OUTW C2	R	-	-	-	-	-	-	✓
1132	-	BLOK_UCAL_OUTW_020MAL OUTW C2	R	-	-	-	-	-	-	✓
1133	-	BLOK_UCAL_OUTW_020MAH OUTW C2	R	-	-	-	-	-	-	✓
1134	-	BLOK_UCAL_OUTW_420MAL OUTW C2	R	-	-	-	-	-	-	✓
1135	-	BLOK_UCAL_OUTW_420MAH OUTW C2	R	-	-	-	-	-	-	✓
1136	-	BLOK_UCAL_OUTW_S10VL OUTW C2	R	-	-	-	-	-	-	✓
1137	-	BLOK_UCAL_OUTW_S10VH OUTW C2	R	-	-	-	-	-	-	✓

1138	-	BLOK_UCAL_OUTW_010VL OUTW AN	R	-	-	-	-	-	✓	✓
1139	-	BLOK_UCAL_OUTW_010VH OUTW AN	R	-	-	-	-	-	✓	✓
1140	-	BLOK_UCAL_OUTW_210VL OUTW AN	R	-	-	-	-	-	✓	✓
1141	-	BLOK_UCAL_OUTW_210VH OUTW AN	R	-	-	-	-	-	✓	✓
1142	-	BLOK_UCAL_OUTW_020MAL OUTW AN	R	-	-	-	-	-	✓	✓
1143	-	BLOK_UCAL_OUTW_020MAH OUTW AN	R	-	-	-	-	-	✓	✓
1144	-	BLOK_UCAL_OUTW_420MAL OUTW AN	R	-	-	-	-	-	✓	✓
1145	-	BLOK_UCAL_OUTW_420MAH OUTW AN	R	-	-	-	-	-	✓	✓
1146	-	BLOK_UCAL_OUTW_S10VL OUTW AN	R	-	-	-	-	-	✓	✓
1147	-	BLOK_UCAL_OUTW_S10VH OUTW AN	R	-	-	-	-	-	✓	✓
1148	-	Peak high IN1 LSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
1149	-	Peak high IN1 MSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
1150	-	Peak low IN1 LSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
1151	-	Peak low IN1 MSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
1152	-	Peak peak IN1 LSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
1153	-	Peak peak IN1 MSW	R	LoS.1	HiS.1	dPS.1	-	s.p.	✓	✓
1154	-	Peak high IN2 LSW	R	LoS.2	HiS.2	dPS.2	-	s.p.	✓	✓
1155	-	Peak high IN2 MSW	R	LoS.2	HiS.2	dPS.2	-	s.p.	✓	✓
1156	-	Peak low IN2 LSW	R	LoS.2	HiS.2	dPS.2	-	s.p.	✓	✓
1157	-	Peak low IN2 MSW	R	LoS.2	HiS.2	dPS.2	-	s.p.	✓	✓
1158	-	Peak peak IN2 LSW	R	LoS.2	HiS.2	dPS.2	-	s.p.	✓	✓
1159	-	Peak peak IN2 MSW	R	LoS.2	HiS.2	dPS.2	-	s.p.	✓	✓
1160	-	Serial_outw C1 LSW	R/W	0	1000	0	0	-	-	✓
1161	-	Serial_outw C1 MSW	R/W	0	1000	0	0	-	-	✓
1162	-	Serial_outw C2 LSW	R/W	0	1000	0	0	-	-	✓
1163	-	Serial_outw C2 MSW	R/W	0	1000	0	0	-	-	✓
1164	-	Serial_outw AN LSW	R/W	-19999	99999	0	0	-	✓	✓

1165	-	Serial_outw AN MSW	R/W	-19999	99999	0	0	-	✓	✓
1166	-	Serial_spr LSW	R/W	-19999	99999	0	0	s.p.	-	✓
1167	-	Serial_spr MSW	R/W	-19999	99999	0	0	s.p.	-	✓
1168	-	Serial_mar	R/W	-1000	1000	1	0	%	-	✓
1169	-	Serial_alarm 1 LSW	R/W	-19999	99999	0	0	-	✓	✓
1170	-	Serial_alarm 1 MSW	R/W	-19999	99999	0	0	-	✓	✓
1171	-	Serial_alarm 2 LSW	R/W	-19999	99999	0	0	-	✓	✓
1172	-	Serial_alarm 2 MSW	R/W	-19999	99999	0	0	-	✓	✓
1173	-	Serial_alarm 3 LSW	R/W	-19999	99999	0	0	-	✓	✓
1174	-	Serial_alarm 3 MSW	R/W	-19999	99999	0	0	-	✓	✓
1175	-	Serial_alarm 4 LSW	R/W	-19999	99999	0	0	-	✓	-
1176	-	Serial_alarm 4 MSW	R/W	-19999	99999	0	0	-	✓	-
1177	-	Serial_alarm 5 LSW	R/W	-19999	99999	0	0	-	✓	-
1178	-	Serial_alarm 5 MSW	R/W	-19999	99999	0	0	-	✓	-
1179	-	Serial_alarm 6 LSW	R/W	-19999	99999	0	0	-	✓	-
1180	-	Serial_alarm 6 MSW	R/W	-19999	99999	0	0	-	✓	-
1181	-	Serial_alarm 7 LSW	R/W	-19999	99999	0	0	-	✓	-
1182	-	Serial_alarm 7 MSW	R/W	-19999	99999	0	0	-	✓	-
1183	-	Serial_alarm 8 LSW	R/W	-19999	99999	0	0	-	✓	-
1184	-	Serial_alarm 8 MSW	R/W	-19999	99999	0	0	-	✓	-
1185	-	Serial_alarm 9 LSW	R/W	-19999	99999	0	0	-	✓	-
1186	-	Serial_alarm 9 MSW	R/W	-19999	99999	0	0	-	✓	-
1187	-	Serial_alarm 10 LSW	R/W	-19999	99999	0	0	-	✓	-
1188	-	Serial_alarm 10 MSW	R/W	-19999	99999	0	0	-	✓	-
1189	-	STATUS_W: bit0 = Automatic/Manual, bit1 = Manual Local/Remote, bit2 = Setpoint Local/Remote, bit3 = Software On/Off, bit4 = Selftuning Stop/Start, bit 5 = Autotunig Stop/Start	R/W	-	-	-	-	-	✓	✓
1190	-	Chk_conf: bit0 = not default configuration	R	-	-	-	-	-	✓	✓
1191	-	Jumper_status: bit0 = S1 close, bit1 = S2 close, bit2 = S3 close, bit3 = S4 close, bit4 = S5 close, bit5 = S6 close, bit6 = S9 close, bit7 = S10 close	R	-	-	-	-	-	✓	✓

1192	-	Alstate_irq	R	-	-	-	-	-	✓	✓
1193	-	Maskout	R	-	-	-	-	-	✓	✓
1194	-	Page	R/W	-	-	-	-	-	✓	✓
1195	-	Row	R/W	-	-	-	-	-	✓	✓
1196	-	Offset	R/W	-	-	-	-	-	✓	✓
1197	-	Blok	R/W	-	-	-	-	-	✓	✓
1198	-	Add_var LSW	R/W	-	-	-	-	-	✓	✓
1199	-	Add_var MSW	R/W	-	-	-	-	-	✓	✓
1200	-	New_tast: bit0 = PEAK key, bit1 = CAL key, bit2 = AM key, bit3 = UP key, bit4 = DOWN key, bit5 = F key	R	-	-	-	-	-	✓	✓
1201	-	Input_dig	R	0	255	-	-	-	✓	✓
1202	-	Virtual_in1 LSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1203	-	Virtual_in1 MSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1204	-	Virtual_in2 LSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1205	-	Virtual_in2 MSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1206	-	Virtual_in3 LSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1207	-	Virtual_in3 MSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1208	-	Virtual_in4 LSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1209	-	Virtual_in4 MSW	R/W	-19999	99999	-	-	s.p.	✓	✓
1210	-	Virtual_input_dig	R/W	0	255	-	-	-	✓	✓
1211	-	Virtual_out	R/W	0	1024	-	-	-	✓	✓
1212	-	Virtual_led_out	R/W	0	255	-	-	-	✓	✓
1213	-	Virtual_led_fun	R/W	0	255	-	-	-	✓	✓
1214	-	Virtual_led_dev	R/W	-32767	32767	-	-	-	-	✓
1215	-	Virtual_led_brg	R/W	-1000	1000	-	-	-	-	✓
1216	-	MSB = Add1: upper display - digit 4 (x10000), LSB = Add2: upper display - digit 3 (x1000)	R/W	0	65535	-	-	-	✓	✓
1217	-	MSB = Add3: upper display - digit 2 (x100), LSB = Add4: upper display - digit 1 (x10)	R/W	0	65535	-	-	-	✓	✓
1218	-	MSB = Add5: upper display - digit 0 (x1), LSB = Add6: lower display - digit 4 (x10000)	R/W	0	65535	-	-	-	✓	✓
1219	-	MSB = Add7: lower display - digit 3 (x1000), LSB = Add8: lower display	R/W	0	65535	-	-	-	✓	✓

		- digit 2 (x100)								
1220	-	MSB = Add9: lower display - digit 1 (x10), LSB = Add10: lower display - digit 0 (x1)	R/W	0	65535	-	-	-	✓	✓
1221	-	MSB = Add11: auxiliary display – digit 4 (x10000), LSB = Add12: left auxiliary - digit 3 (x1000)	R/W	0	65535	-	-	-	✓	✓
1222	-	MSB = Add13: left auxiliary - digit 2 (x100), LSB = Add14: left auxiliary - digit 1 (x10)	R/W	0	65535	-	-	-	✓	✓
1223	-	MSB = Add15: left auxiliary - digit 0 (x1)	R/W	0	65535	-	-	-	✓	✓
1224	-	STATUS1_W:	R/W	0	65535	-	-	-	✓	✓
1225	-	PROPBAND: Current heat proportional band	R	0.0	999.9	1	-	%	-	✓
1226	-	INT_TIME: Current heat integral time	R	0.0	999.9	1	-	sec	-	✓
1227	-	DER_TIME: Current heat derivative time	R	0.0	999.9	1	-	sec	-	✓
1228	-	CPRPBAND: Current cool proportional band	R	0.0	999.9	1	-	%	-	✓
1229	-	CINTTIME: Current cool integral time	R	0.0	999.9	1	-	sec	-	✓
1230	-	CDERTIME: Current cool derivative time	R	0.0	999.9	1	-	sec	-	✓
1231	-	Virtual_type LSW	R/W	-	-	-	-	-	✓	✓
1232	-	Virtual_type MSW	R/W	-	-	-	-	-	✓	✓
1233	-	IN1 ADC LSW	R	-	-	-	-	-	✓	✓
1234	-	IN1 ADC MSW	R	-	-	-	-	-	✓	✓
1235	-	IN2 ADC LSW	R	-	-	-	-	-	✓	✓
1236	-	IN2 ADC MSW	R	-	-	-	-	-	✓	✓
1237	-	IN3 ADC LSW	R	-	-	-	-	-	✓	✓
1238	-	IN3 ADC MSW	R	-	-	-	-	-	✓	✓
1239	-	IN4 ADC LSW	R	-	-	-	-	-	✓	✓
1240	-	IN4 ADC MSW	R	-	-	-	-	-	✓	✓
1241	-	SG_ADC_VOLTAGE	R	-	-	-	-	-	✓	✓
1242	-	SG_ADC_ CURRENT	R	-	-	-	-	-	✓	✓

1245	-	BLOK_STRGE	R	-	-	-	-	-	✓	✓
1246	-	BLOK_STRFR	R	-	-	-	-	-	✓	✓
1247	-	BLOK_STRAN	R	-	-	-	-	-	✓	✓
1248	-	BLOK_STRIN	R	-	-	-	-	-	✓	✓
1249	-	BLOK_STRST	R	-	-	-	-	-	✓	✓
1250	-	IN1 tare zero LSW	R/W	-19999	99999	dPS.1	0	s.p.	✓	✓
1251	-	IN1 tare zero MSW	R/W	-19999	99999	dPS.1	0	s.p.	✓	✓
1252	-	IN2 tare zero LSW	R/W	-19999	99999	dPS.2	0	s.p.	✓	✓
1253	-	IN2 tare zero MSW	R/W	-19999	99999	dPS.2	0	s.p.	✓	✓
1254	-	BLOK_CAL_SG2L IN1 LSW	R	-	-	-	-	-	✓	✓
1255	-	BLOK_CAL_SG2L IN1 MSW	R	-	-	-	-	-	✓	✓
1256	-	BLOK_CAL_SG2H IN1 LSW	R	-	-	-	-	-	✓	✓
1257	-	BLOK_CAL_SG2H IN1 MSW	R	-	-	-	-	-	✓	✓
1258	-	BLOK_CAL_SG2L IN2 LSW	R	-	-	-	-	-	✓	✓
1259	-	BLOK_CAL_SG2L IN2 MSW	R	-	-	-	-	-	✓	✓
1260	-	BLOK_CAL_SG2H IN2 LSW	R	-	-	-	-	-	✓	✓
1261	-	BLOK_CAL_SG2H IN2 MSW	R	-	-	-	-	-	✓	✓
1262	-	BLOK_CAL_ALS_10V	R/W	-	-	-	-	-	✓	✓
1263	-	BLOK_CAL_ALS_5V	R/W	-	-	-	-	-	✓	✓
1264	-	BLOK_CAL_PT100COMPL IN1	R	-	-	-	-	-	✓	✓
1265	-	BLOK_CAL_PT100COMPH IN1	R	-	-	-	-	-	✓	✓
1266	-	BLOK_CAL_PT100COMPL IN2	R	-	-	-	-	-	✓	✓
1267	-	BLOK_CAL_PT100COMPH IN2	R	-	-	-	-	-	✓	✓
1268	-	TAMB_1 ADC LSW	R	-	-	-	-	-	✓	✓
1269	-	TAMB_1 ADC MSW	R	-	-	-	-	-	✓	✓
1270	-	TAMB_2 ADC LSW	R	-	-	-	-	-	✓	✓
1271	-	TAMB_2 ADC MSW	R	-	-	-	-	-	✓	✓
1272	-	RTD_3_WIRE_1 ADC LSW	R	-	-	-	-	-	✓	✓
1273	-	RTD_3_WIRE _1 ADC MSW	R	-	-	-	-	-	✓	✓
1274	-	RTD_3_WIRE _2 ADC LSW	R	-	-	-	-	-	✓	✓
1275	-	RTD_3_WIRE _2 ADC MSW	R	-	-	-	-	-	✓	✓
1276	-	TEMPERATURE_DIODE_1	R	-	-	-	-	-	✓	✓
1277	-	TEMPERATURE_DIODE_2	R	-	-	-	-	-	✓	✓
1278	-	MAN_PW_LOC	R/W	-	-	-	-	-	-	✓
1279	**dS.PU**	Definition of PV display function	R/W	0	19(2400) /	0	11	-	✓	✓

		(2500) / Measurement unit of IN.1 (2400)			11(2500)					
1280	**SdS.SP**	Enabling of alarm character strings on SV display (2500) / Measurement unit of IN.3 (2400)	R/W	0	19(2400) / 1023(2500)	0	0	-	✓	✓
1281	**SdS.F**	Enabling of alarm character strings on F display (2500) / Measurement unit of IN.4 (2400)	R/W	0	19(2400) / 1023(2500)	0	0	-	✓	✓
1282	**SdS.PU**	Enabling of alarm character strings on PV display (2500) / Measurement unit of IN.2 (2400)	R/W	0	19(2400) / 1023(2500)	0	0	-	✓	✓
1283	**SdA.1**	A character definition of alarm 1 string	R/W	0	255	0	0	-	✓	✓
1284	**Sdb.1**	B character definition of alarm 1 string	R/W	0	255	0	0	-	✓	✓
1285	**SdC.1**	C character definition of alarm 1 string	R/W	0	255	0	0	-	✓	✓
1286	**Sdd.1**	D character definition of alarm 1 string	R/W	0	255	0	0	-	✓	✓
1287	**SdE.1**	E character definition of alarm 1 string	R/W	0	255	0	0	-	✓	✓
1288	**SdA.2**	A character definition of alarm 2 string	R/W	0	255	0	0	-	✓	✓
1289	**Sdb.2**	B character definition of alarm 2 string	R/W	0	255	0	0	-	✓	✓
1290	**SdC.2**	C character definition of alarm 2 string	R/W	0	255	0	0	-	✓	✓
1291	**Sdd.2**	D character definition of alarm 2 string	R/W	0	255	0	0	-	✓	✓
1292	**SdE.2**	E character definition of alarm 2 string	R/W	0	255	0	0	-	✓	✓
1293	**SdA.3**	A character definition of alarm 3 string	R/W	0	255	0	0	-	✓	✓
1294	**Sdb.3**	B character definition of alarm 3 string	R/W	0	255	0	0	-	✓	✓
1295	**SdC.3**	C character definition of alarm 3 string	R/W	0	255	0	0	-	✓	✓
1296	**Sdd.3**	D character definition of alarm 3	R/W	0	255	0	0	-	✓	✓

		string								
1297	**SdE.3**	E character definition of alarm 3 string	R/W	0	255	0	0	-	✓	✓
1298	**SdA.4**	A character definition of alarm 4 string	R/W	0	255	0	0	-	✓	✓
1299	**Sdb.4**	B character definition of alarm 4 string	R/W	0	255	0	0	-	✓	✓
1300	**SdC.4**	C character definition of alarm 4 string	R/W	0	255	0	0	-	✓	✓
1301	**Sdd.4**	D character definition of alarm 4 string	R/W	0	255	0	0	-	✓	✓
1302	**SdE.4**	E character definition of alarm 4 string	R/W	0	255	0	0	-	✓	✓
1303	**SdA.5**	A character definition of alarm 5 string	R/W	0	255	0	0	-	✓	✓
1304	**Sdb.5**	B character definition of alarm 5 string	R/W	0	255	0	0	-	✓	✓
1305	**SdC.5**	C character definition of alarm 5 string	R/W	0	255	0	0	-	✓	✓
1306	**Sdd.5**	D character definition of alarm 5 string	R/W	0	255	0	0	-	✓	✓
1307	**SdE.5**	E character definition of alarm 5 string	R/W	0	255	0	0	-	✓	✓
1308	**SdA.6**	A character definition of alarm 6 string	R/W	0	255	0	0	-	✓	✓
1309	**Sdb.6**	B character definition of alarm 6 string	R/W	0	255	0	0	-	✓	✓
1310	**SdC.6**	C character definition of alarm 6 string	R/W	0	255	0	0	-	✓	✓
1311	**Sdd.6**	D character definition of alarm 6 string	R/W	0	255	0	0	-	✓	✓
1312	**SdE.6**	E character definition of alarm 6 string	R/W	0	255	0	0	-	✓	✓
1313	**SdA.7**	A character definition of alarm 7 string	R/W	0	255	0	0	-	✓	✓
1314	**Sdb.7**	B character definition of alarm 7 string	R/W	0	255	0	0	-	✓	✓
1315	**SdC.7**	C character definition of alarm 7	R/W	0	255	0	0	-	✓	✓

		string								
1316	**Sdd.7**	D character definition of alarm 7 string	R/W	0	255	0	0	-	✓	✓
1317	**SdE.7**	E character definition of alarm 7 string	R/W	0	255	0	0	-	✓	✓
1318	**SdA.8**	A character definition of alarm 8 string	R/W	0	255	0	0	-	✓	✓
1319	**Sdb.8**	B character definition of alarm 8 string	R/W	0	255	0	0	-	✓	✓
1320	**SdC.8**	C character definition of alarm 8 string	R/W	0	255	0	0	-	✓	✓
1321	**Sdd.8**	D character definition of alarm 8 string	R/W	0	255	0	0	-	✓	✓
1322	**SdE.8**	E character definition of alarm 8 string	R/W	0	255	0	0	-	✓	✓
1323	**SdA.9**	A character definition of alarm 9 string	R/W	0	255	0	0	-	✓	✓
1324	**Sdb.9**	B character definition of alarm 9 string	R/W	0	255	0	0	-	✓	✓
1325	**SdC.9**	C character definition of alarm 9 string	R/W	0	255	0	0	-	✓	✓
1326	**Sdd.9**	D character definition of alarm 9 string	R/W	0	255	0	0	-	✓	✓
1327	**SdE.9**	E character definition of alarm 9 string	R/W	0	255	0	0	-	✓	✓
1328	**SdA.10**	A character definition of alarm 10 string	R/W	0	255	0	0	-	✓	✓
1329	**Sdb.10**	B character definition of alarm 10 string	R/W	0	255	0	0	-	✓	✓
1330	**SdC.10**	C character definition of alarm 10 string	R/W	0	255	0	0	-	✓	✓
1331	**Sdd.10**	D character definition of alarm 10 string	R/W	0	255	0	0	-	✓	✓
1332	**SdE.10**	E character definition of alarm 10 string	R/W	0	255	0	0	-	✓	✓
1333	**Err.5**	Input Fin.A error code	R	0	7	0	-	-	✓	✓
1334	**Err.6**	Input Fin.b error code	R	0	7	0	-	-	✓	✓

1335	**(dPS.5)**	Decimal point position for input Fin.A scale	R	0	12	0	-	-	✓	✓
1336	**(dPS.6)**	Decimal point position for input Fin.b scale	R	0	12	0	-	-	✓	✓
1337	**(LoS.5)**	Min limit scale of input Fin.A LSW	R	-19999	99999	dPS.5	-	S.p.	✓	✓
1338	**(LoS.5)**	Min limit scale of input Fin.A MSW	R	-19999	99999	dPS.5	-	S.p.	✓	✓
1339	**(LoS.6)**	Min limit scale of input Fin.b LSW	R	-19999	99999	dPS.6	-	S.p.	✓	✓
1340	**(LoS.6)**	Min limit scale of input Fin.b MSW	R	-19999	99999	dPS.6	-	S.p.	✓	✓
1341	**(HiS.5)**	Max limit scale of input Fin.A LSW	R	-19999	99999	dPS.5	-	S.p.	✓	✓
1342	**(HiS.5)**	Max limit scale of input Fin.A MSW	R	-19999	99999	dPS.5	-	S.p.	✓	✓
1343	**(HiS.6)**	Max limit scale of input Fin.b LSW	R	-19999	99999	dPS.6	-	S.p.	✓	✓
1344	**(HiS.6)**	Max limit scale of input Fin.b MSW	R	-19999	99999	dPS.6	-	S.p.	✓	✓
1345	**-**	Input Fin.A LSW (float IEEE32)	R	-	-	-	-	S.p.	✓	✓
1346	**-**	Input Fin.A MSW (float IEEE32)	R	-	-	-	-	S.p.	✓	✓
1347	**-**	Input Fin.b LSW (float IEEE32)	R	-	-	-	-	S.p.	✓	✓
1348	**-**	Input Fin.b MSW (float IEEE32)	R	-	-	-	-	S.p.	✓	✓
1350	**-**	Custom variable 1	-	-	-	-	-	-	✓	✓
1351	**-**	Custom variable 2	-	-	-	-	-	-	✓	✓
1352	**-**	Custom variable 3	-	-	-	-	-	-	✓	✓
1353	**-**	Custom variable 4	-	-	-	-	-	-	✓	✓
1354	**-**	Custom variable 5	-	-	-	-	-	-	✓	✓
1355	**-**	Custom variable 6	-	-	-	-	-	-	✓	✓
1356	**-**	Custom variable 7	-	-	-	-	-	-	✓	✓
1357	**-**	Custom variable 8	-	-	-	-	-	-	✓	✓
1358	**-**	Custom variable 9	-	-	-	-	-	-	✓	✓
1359	**-**	Custom variable 10	-	-	-	-	-	-	✓	✓
1360	**-**	Custom variable 11	-	-	-	-	-	-	✓	✓
1361	**-**	Custom variable 12	-	-	-	-	-	-	✓	✓

1362	-	Custom variable 13	-	-	-	-	-	-	✓	✓
1363	-	Custom variable 14	-	-	-	-	-	-	✓	✓
1364	-	Custom variable 15	-	-	-	-	-	-	✓	✓
1365	-	Custom variable 16	-	-	-	-	-	-	✓	✓
1366	-	Custom variable 17	-	-	-	-	-	-	✓	✓
1367	-	Custom variable 18	-	-	-	-	-	-	✓	✓
1368	-	Custom variable 19	-	-	-	-	-	-	✓	✓
1369	-	Custom variable 20	-	-	-	-	-	-	✓	✓
1370	-	Custom variable 21	-	-	-	-	-	-	✓	✓
1371	-	Custom variable 22	-	-	-	-	-	-	✓	✓
1372	-	Custom variable 23	-	-	-	-	-	-	✓	✓
1373	-	Custom variable 24	-	-	-	-	-	-	✓	✓
1374	-	Custom variable 25	-	-	-	-	-	-	✓	✓
1375	-	Custom variable 26	-	-	-	-	-	-	✓	✓
1376	-	Custom variable 27	-	-	-	-	-	-	✓	✓
1377	-	Custom variable 28	-	-	-	-	-	-	✓	✓
1378	-	Custom variable 29	-	-	-	-	-	-	✓	✓
1379	-	Custom variable 30	-	-	-	-	-	-	✓	✓
1380	-	Custom variable 31	-	-	-	-	-	-	✓	✓
1381	-	Custom variable 32	-	-	-	-	-	-	✓	✓
1382	-	Address of custom variable 1	R/W	-	-	-	530	-	✓	✓
1383	-	Address of custom variable 2	R/W	-	-	-	531	-	✓	✓
1384	-	Address of custom variable 3	R/W	-	-	-	532	-	✓	✓
1385	-	Address of custom variable 4	R/W	-	-	-	533	-	✓	✓
1386	-	Address of custom variable 5	R/W	-	-	-	534	-	✓	✓
1387	-	Address of custom variable 6	R/W	-	-	-	535	-	✓	✓
1388	-	Address of custom variable 7	R/W	-	-	-	536	-	✓	✓
1389	-	Address of custom variable 8	R/W	-	-	-	537	-	✓	✓
1390	-	Address of custom variable 9	R/W	-	-	-	538	-	✓	✓
1391	-	Address of custom variable 10	R/W	-	-	-	539	-	✓	✓
1392	-	Address of custom variable 11	R/W	-	-	-	540	-	✓	✓
1393	-	Address of custom variable 12	R/W	-	-	-	541	-	✓	✓
1394	-	Address of custom variable 13	R/W	-	-	-	542	-	✓	✓
1395	-	Address of custom variable 14	R/W	-	-	-	543	-	✓	✓
1396	-	Address of custom variable 15	R/W	-	-	-	544	-	✓	✓
1397	-	Address of custom variable 16	R/W	-	-	-	545	-	✓	✓

1398	-	Address of custom variable 17	R/W	-	-	-	548	-	✓	✓
1399	-	Address of custom variable 18	R/W	-	-	-	549	-	✓	✓
1400	-	Address of custom variable 19	R/W	-	-	-	550	-	✓	✓
1401	-	Address of custom variable 20	R/W	-	-	-	551	-	✓	✓
1402	-	Address of custom variable 21	R/W	-	-	-	552	-	✓	✓
1403	-	Address of custom variable 22	R/W	-	-	-	553	-	✓	✓
1404	-	Address of custom variable 23	R/W	-	-	-	554	-	✓	✓
1405	-	Address of custom variable 24	R/W	-	-	-	555	-	✓	✓
1406	-	Address of custom variable 25	R/W	-	-	-	556	-	✓	✓
1407	-	Address of custom variable 26	R/W	-	-	-	557	-	✓	✓
1408	-	Address of custom variable 27	R/W	-	-	-	558	-	✓	✓
1409	-	Address of custom variable 28	R/W	-	-	-	559	-	✓	✓
1410	-	Address of custom variable 29	R/W	-	-	-	560	-	✓	✓
1411	-	Address of custom variable 30	R/W	-	-	-	561	-	✓	✓
1412	-	Address of custom variable 31	R/W	-	-	-	562	-	✓	✓
1413	-	Address of custom variable 32	R/W	-	-	-	563	-	✓	✓
1414	-	BLOK_CAL_SG3L IN1 LSW	R	-	-	-	-	-	✓	✓
1415	-	BLOK_CAL_SG3L IN1 MSW	R	-	-	-	-	-	✓	✓
1416	-	BLOK_CAL_SG3H IN1 LSW	R	-	-	-	-	-	✓	✓
1417	-	BLOK_CAL_SG3H IN1 MSW	R	-	-	-	-	-	✓	✓
1418	-	BLOK_CAL_SG3L IN2 LSW	R	-	-	-	-	-	✓	✓
1419	-	BLOK_CAL_SG3L IN2 MSW	R	-	-	-	-	-	✓	✓
1420	-	BLOK_CAL_SG3H IN2 LSW	R	-	-	-	-	-	✓	✓
1421	-	BLOK_CAL_SG3H IN2 MSW	R	-	-	-	-	-	✓	✓
1422	-	SGCALIB_PERC	R/W	1	100	0	80	%	✓	✓
1423	-	STATUS11_W status IN1: bit0 = reset tare, bit1 = reset peak, bit2 = hold, bit3 = display hold, bit4 = flash, bit5 = net/gross	R/W	0	64	0	0	-	✓	✓
1424	-	STATUS12_W status IN2: bit0 = reset tare, bit1 = reset peak, bit2 = hold, bit3 = display hold, bit4 = flash, bit5 = net/gross	R/W	0	64	0	0	-	✓	✓

2400/2500 MODBUS - BIT

Software version V.1.33

Address	Description	R/W	2400	2500
1	Automatic/Manual	R/W	-	✓
4	AL1 status	R	✓	✓
5	AL2 status	R	✓	✓
9	Sbr faulty sensor	R	✓	✓
10	Local/Remote SP	R/W	-	✓
28	Manual/Remote selection	R/W	-	✓
29	Active auto-tuning	R/W	-	✓
30	Cont./One-Shot auto-tuning	R/W	-	✓
46	AL.1 direct/inverse	R/W	✓	✓
47	AL.1 absolute/relative	R/W	✓	✓
48	AL.1 normal/symmetrical	R/W	✓	✓
49	AL.1 disabled when switching on	R/W	✓	✓
50	AL.1 with memory	R/W	✓	✓
54	AL.2 direct/inverse	R/W	✓	✓
55	AL.2 absolute/relative	R/W	✓	✓
56	AL.2 normal/symmetrical	R/W	✓	✓
57	AL.2 disabled when switching on	R/W	✓	✓
58	AL.2 with memory	R/W	✓	✓
60	AL.3 direct/inverse	R/W	✓	✓
61	AL.3 absolute/relative	R/W	✓	✓
62	AL.3 normal/symmetrical	R/W	✓	✓
63	AL.3 disabled when switching on	R/W	✓	✓
64	AL.3 with memory	R/W	✓	✓
65	AL.4 direct/inverse	R/W	✓	✓

66	AL.4 absolute/relative	R/W	✓	✓
67	AL.4 normal/symmetrical	R/W	✓	✓
68	AL.4 disabled when switching on	R/W	✓	✓
69	AL.4 with memory	R/W	✓	✓
70	AL.5 direct/inverse	R/W	✓	✓
71	AL.5 absolute/relative	R/W	✓	✓
72	AL.5 normal/symmetrical	R/W	✓	✓
73	AL.5 disabled when switching on	R/W	✓	✓
74	AL.5 with memory	R/W	✓	✓
75	AL.6 direct/inverse	R/W	✓	✓
76	AL.6 absolute/relative	R/W	✓	✓
77	AL.6 normal/symmetrical	R/W	✓	✓
78	AL.6 disabled when switching on	R/W	✓	✓
79	AL.6 with memory	R/W	✓	✓
80	AL.7 direct/inverse	R/W	✓	✓
81	AL.7 absolute/relative	R/W	✓	✓
82	AL.7 normal/symmetrical	R/W	✓	✓
83	AL.7 disabled when switching on	R/W	✓	✓
84	AL.7 with memory	R/W	✓	✓
85	AL.8 direct/inverse	R/W	✓	✓
86	AL.8 absolute/relative	R/W	✓	✓
87	AL.8 normal/symmetrical	R/W	✓	✓
88	AL.8 disabled when switching on	R/W	✓	✓
89	AL.8 with memory	R/W	✓	✓
90	AL.9 direct/inverse	R/W	✓	✓
91	AL.9 absolute/relative	R/W	✓	✓
92	AL.9 normal/symmetrical	R/W	✓	✓
93	AL.9 disabled when switching on	R/W	✓	✓
94	AL.9 with memory	R/W	✓	✓
95	AL.10 direct/inverse	R/W	✓	✓
96	AL.10 absolute/relative	R/W	✓	✓
97	AL.10 normal/symmetrical	R/W	✓	✓
98	AL.10 disabled when switching on	R/W	✓	✓
99	AL.10 with memory	R/W	✓	✓
100	Automatic / Manual	R/W		✓
101	Manual Local / Remote	R/W	-	✓

102	Setpoint Local /Remote	R/W	-	✓
103	Software On / Off	R/W	✓	✓
104	Selftuning Stop / Start	R/W	-	✓
105	Autotuning Stop / Start	R/W	-	✓
106	Selection SP1 / SP2	R/W	-	✓
107	Alarm memory reset	R/W	✓	✓
108	Input IN1 Active / Hold	R/W	✓	✓
109	Input IN2 Active / Hold	R/W	✓	✓
110	Reset peak IN1	R/W	✓	✓
111	Reset peak IN2	R/W	✓	✓
112	Reset tare IN1	R/W	✓	✓
113	Reset tare IN2	R/W	✓	✓
114	Input IN1 Active / Display Hold	R/W	✓	-
115	Input IN2 Active / Display Hold	R/W	✓	-
116	Input IN1 flash	R/W	✓	-
117	Input IN2 flash	R/W	✓	-
118	Input IN1 Net /Gross	R/W	✓	-
119	Input IN2 Net / Gross	R/W	✓	-
120	Selftuning active	R	-	✓
121	Autotuning active	R	-	✓
122	Softstart active	R	-	✓
123	Input IN1 hold	R	✓	✓
124	Input IN2 hold	R	✓	✓
130	Sensor break SBR input 1	R	✓	✓
131	Sensor break SBR input 2	R	✓	✓
132	Sensor break SBR input 3	R	✓	✓
133	Sensor break SBR input 4	R	✓	✓
134	LBA alarm status	R	-	✓
140	AL.1 status	R	✓	✓
141	AL.2 status	R	✓	✓
142	AL.3 status	R	✓	✓
143	AL.4 status	R	✓	✓
144	AL.5 status	R	✓	✓
145	AL.6 status	R	✓	✓

146	AL.7 status	R	✓	✓
147	AL.8 status	R	✓	✓
148	AL.9 status	R	✓	✓
149	AL.10 status	R	✓	✓
150	Out1 status	R	✓	✓
151	Out2 status	R	✓	✓
152	Out3 status	R	✓	✓
153	Out4 status	R	✓	✓
154	Out5 status	R	-	✓
155	Out6 status	R	-	✓
156	Out7 status	R	-	✓
157	Out8 status	R	-	✓
160	Digital input 1 status	R	✓	✓
161	Digital input 2 status	R	✓	✓
162	Digital input 3 status	R	-	✓
163	Digital input 4 status	R	-	✓
164	Digital input 5 status	R	-	✓
165	Digital input 6 status	R	-	✓
166	Digital input 7 status	R	-	✓
167	Digital input 8 status	R	-	✓