

GEFLEX MODBUS 16 Bit Memory Locations (2 Bytes)

Software Version V1.30

Addr.	Item	Description	R/W	Min	Max	Dp	Def.	Meas. Unit
0	P.V.	Process variable	R	Lo.S	Hi.S	dP.S	-	S.p.
1	_SP	Active setpoint	R	Lo.L	Hi.L	dP.S	400	S.p.
2	Ou.P	Control output value	R	-100.0	100.0	1	-	%
4	-	Deviation (S.P. - P.V.)	R	-	-	dP.S	-	-
5	h.Pb	Heating proportional band	R/W	0.0	999.9	1	1.0	%
6	c.Pb	Cooling proportional band	R/W	0.0	999.9	1	1.0	%
7	h.It	Heating integral time	R/W	0.00	99.99	2	4.00	min
8	h.dt	Heating derivative time	R/W	0.00	99.99	2	1.00	min
9	Ct.1	Cycle time Out1	R/W	1	200	-	20	sec
10	Lo.S	Scale minimum limit	R/W	-1999	9999	dP.S	0	S.p.
11	Hi.S	Scale maximum limit	R/W	-1999	9999	dP.S	1000	S.p.
12	AL.1	Alarm point 1 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	500	S.p.
13	AL.2	Alarm point 2 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	600	S.p.
14	AL.3	Alarm point 3 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	700	S.p.
16	-	Local setpoint	R/W	Lo.L	Hi.L	dP.S	400	S.p.
18	SP.r	Remote setpoint type	R/W	0	3	-	0	-
20	Lo.L	Lower limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	0	S.p.
21	Hi.L	Upper limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	1000	S.p.
22	G.SP	Set gradient	R/W	0.0	999.9	1	0.0	digit/min
23	oFS.	MAIN input offset correction	R/W	-999	999	dP.S	0	S.p.
24	Flt	Digital filter on MAIN input	R/W	0.0	20.0	1	0.1	sec
25	Lo.L	Lower limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	0	S.p.

26	Hi.L	Upper limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	1000	S.p.
27	HY.1	Hysteresis alarm 1	R/W	-999	999	dP.S	-1	S.p.
28	Lo.L	Lower limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	0	S.p.
29	Hi.L	Upper limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	1000	S.p.
30	HY.2	Hysteresis alarm 2	R/W	-999	999	dP.S	-1	S.p.
31	S.tu	Enabling selftuning, autotuning and softstart	R/W	0	5	-	0	-
39	c.SP	Setpoint for cooling relative to heating setpoint	R/W	-25.0	25.0	1	0.0	%
42	h.P.H	Heating maximum power limit	R/W	0.0	100.0	1	100.0	%
43	c.P.H	Cooling maximum power limit	R/W	0.0	100.0	1	100.0	%
44	Lb.t	Waiting time for L.B.A. alarm intervention	R/W	0.0	500.0	1	30.0	min
45	bAu	Baud rate selection	R/W	0	4	-	4	-
46	Cod	Unit identification code	R/W	0	247	-	1	-
47	PAr	Parity selection	R/W	0	2	-	0	-
52	AL.3	Alarm point 3 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	700	S.p.
53	HY.3	Hysteresis alarm 3	R/W	-999	999	dP.S	-1	S.p.
54	A3.t	Alarm type 3	R/W	0	223	-	0	-
55	A.Hb	Alarm point HB	R/W	0	HS.tA	1	10.0	S.p.
56	Hb.t	Waiting time for HB alarm intervention	R/W	0	999	-	30	sec
57	Hb.F	Alarm type HB	R/W	0	28	-	0	-
58	AL.4	Alarm point 4 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	800	S.p.
59	HY.4	Hysteresis alarm 4	R/W	-999	999	dP.S	-1	S.p.
76	c.It	Cooling integral time	R/W	0.00	99.99	2	4.00	min
77	c.dt	Cooling derivative time	R/W	0.00	99.99	2	1.00	min
78	rSt	Manual reset	R/W	-999	999	dP.S	0	S.p.
79	A.rS	Antireset	R/W	0	9999	dP.S	0	S.p.
80	FFd	Feedforward	R/W	-100.0	100.0	1	0.0	%
85	Err	Self-Diagnostic error code	R	0	20	-	-	-

86	S.00	Custom scale point 0	R/W	Lo.S	Hi.S	dP.S	0	S.p.
87	S.01	Custom scale point 1	R/W	Lo.S	Hi.S	dP.S	31	S.p.
88	S.02	Custom scale point 2	R/W	Lo.S	Hi.S	dP.S	62	S.p.
89	S.03	Custom scale point 3	R/W	Lo.S	Hi.S	dP.S	94	S.p.
90	S.04	Custom scale point 4	R/W	Lo.S	Hi.S	dP.S	125	S.p.
91	S.05	Custom scale point 5	R/W	Lo.S	Hi.S	dP.S	156	S.p.
92	S.06	Custom scale point 6	R/W	Lo.S	Hi.S	dP.S	187	S.p.
93	S.07	Custom scale point 7	R/W	Lo.S	Hi.S	dP.S	219	S.p.
94	S.08	Custom scale point 8	R/W	Lo.S	Hi.S	dP.S	250	S.p.
95	S.09	Custom scale point 9	R/W	Lo.S	Hi.S	dP.S	281	S.p.
96	S.10	Custom scale point 10	R/W	Lo.S	Hi.S	dP.S	312	S.p.
97	S.11	Custom scale point 11	R/W	Lo.S	Hi.S	dP.S	344	S.p.
98	S.12	Custom scale point 12	R/W	Lo.S	Hi.S	dP.S	375	S.p.
99	S.13	Custom scale point 13	R/W	Lo.S	Hi.S	dP.S	406	S.p.
100	S.14	Custom scale point 14	R/W	Lo.S	Hi.S	dP.S	437	S.p.
101	S.15	Custom scale point 15	R/W	Lo.S	Hi.S	dP.S	469	S.p.
102	S.16	Custom scale point 16	R/W	Lo.S	Hi.S	dP.S	500	S.p.
103	S.17	Custom scale point 17	R/W	Lo.S	Hi.S	dP.S	531	S.p.
104	S.18	Custom scale point 18	R/W	Lo.S	Hi.S	dP.S	562	S.p.
105	S.19	Custom scale point 19	R/W	Lo.S	Hi.S	dP.S	594	S.p.
106	S.20	Custom scale point 20	R/W	Lo.S	Hi.S	dP.S	625	S.p.
107	S.21	Custom scale point 21	R/W	Lo.S	Hi.S	dP.S	656	S.p.
108	S.22	Custom scale point 22	R/W	Lo.S	Hi.S	dP.S	687	S.p.
109	S.23	Custom scale point 23	R/W	Lo.S	Hi.S	dP.S	719	S.p.
110	S.24	Custom scale point 24	R/W	Lo.S	Hi.S	dP.S	750	S.p.
111	S.25	Custom scale point 25	R/W	Lo.S	Hi.S	dP.S	781	S.p.
112	S.26	Custom scale point 26	R/W	Lo.S	Hi.S	dP.S	812	S.p.
113	S.27	Custom scale point 27	R/W	Lo.S	Hi.S	dP.S	844	S.p.
114	S.28	Custom scale point 28	R/W	Lo.S	Hi.S	dP.S	875	S.p.
115	S.29	Custom scale point 29	R/W	Lo.S	Hi.S	dP.S	906	S.p.
116	S.30	Custom scale point 30	R/W	Lo.S	Hi.S	dP.S	937	S.p.
117	S.31	Custom scale point 31	R/W	Lo.S	Hi.S	dP.S	969	S.p.
118	S.32	Custom scale point 32	R/W	Lo.S	Hi.S	dP.S	1000	S.p.
119	Lb.P	Power limit for L.B.A. alarm condition	R/W	-100.0	100.0	1	25.0	%
120	-	Manufact trade mark (Gefran)	R	-	-	-	5000	-
121	-	Device ID (GTR)	R	-	-	-	192	-

122	UPd	Software Version	R	-	-	-	-	-
125	Act	Actuator travel time	R/W	0.0	2000	-	60	sec
126	t_LO	Impulse minimum time/actuator travel time	R/W	0.0	25.0	1	2.0	% At
127	db	Valve dead zone	R/W	0.0	25.0	1	0	% FS
132	Ou.P	Control output value	R	-100.0	100.0	1	-	%
136	SP.r	Remote setpoint type	R/W	0	15	-	0	-
137	-	Active stpoint	R	Lo.L	Hi.L	dP.S		S.p.
138	-	Local setpoint	R/W	Lo.L	Hi.L	dP.S	400	S.p.
139	In.tA	Auxiliary input TA value	R	0	HS.tA	1	-	S.p.
140	diG.	Digital input function	R/W	0	53	-	0	-
142	Lo.L	Lower limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	0	S.p.
143	Hi.L	Upper limit for setting setpoint and absolute alarms	R/W	Lo.S	Hi.S	dP.S	1000	S.p.
146	h.P.H	Heating maximum power limit	R/W	0.0	100.0	1	100.0	%
147	SoF	Soft-Start time	R/W	0.0	500.0	1	0.0	min
148	h.Pb	Heating proportional band	R/W	0.0	999.9	1	1.0	%
149	h_b	Hysteresis for heating (ON/OFF)	R/W	0.0	999.9	1	1.0	%
150	h.It	Heating integral time	R/W	0.00	99.99	2	4.00	min
151	h.dt	Heating derivative time	R/W	0.00	99.99	2	1.00	min
152	Ct.1	Cycle time Out1	R/W	1	200	-	20	sec
159	Ct.2	Cycle time if Out2 = logic o relay	R/W	1	200	-	20	sec
160	rL.1	Out1 Allocation of reference signal	R/W	0	167	-	0	-
163	rL.2	Out2 Allocation of reference signal	R/W	0	181	-	1	-
166	rL.3	Out3 Allocation of reference signal	R/W	2	181	-	2	-

170	rL.4	Out4 Allocation of reference signal	R/W	2	181	-	3	-
171	rL.5	Out5 Allocation of reference signal	R/W	2	181	-	4	-
172	rL.6	Out6 Allocation of reference signal	R/W	2	181	-	5	-
177	-	Alarm point 1 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	500	S.p.
178	-	Alarm point 2 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	600	S.p.
179	Fld	MAIN input digital filter	R/W	0.0	9.9	1	0.5	S.p.
180	Ctr	Control type	R/W	0	78	-	6	-
181	tP.2	Auxiliary analogue input function	R/W	0	5	-		-
187	HY.1	Hysteresis alarm 1	R/W	-999	999	dP.S	-1	S.p.
188	HY.2	Hysteresis alarm 2	R/W	-999	999	dP.S	-1	S.p.
189	HY.3	Hysteresis alarm 3	R/W	-999	999	dP.S	-1	S.p.
190	C.Hd	Hardware configuration	R	0	16	-	-	-
191	hd.1	Hardware configuration 1: Auxiliary input Logical inputs Serial interface	R/W	0	127	-	0	-
194	AI.2	Probe type for auxiliary input selection	R/W	0	5	-		-
195	AL.n	Select number of enabled alarms	R/W	0	63	-	1	-
197	Ld.St	Function of status led	R/W	0	26	-	16	-
215	A1.r	Select reference signal for alarm 1	R/W	0	4	-	0	-
216	A2.r	Select reference signal for alarm 2	R/W	0	4	-	0	-
217	A3.r	Select reference signal for alarm 3	R/W	0	4	-	0	-
218	A4.r	Select reference signal for alarm 4	R/W	0	4	-	0	-
219	Ft.tA	TA input digital filter	R/W	0.0	20.0	1	0.1	sec
220	oF.tA	Offset correction for auxiliary input TA	R/W	-99.9	99.9	1	0.0	S.p.
224	S.In	Virtual instrument inputs	R/W	0	255	-	0	-
225	S.Ou	Virtual instrument outputs	R/W	0	255	-	0	-

227	In.tA	Auxiliary input value LIN/TA	R	0	HS.tA	dP.S	-	S.p.
228	FA.P	Power output in fault condition	R/W	-100.0	100.0	1	0.0	%
229	rEL	Fault action (sets state in case of broken probe)	R/W	0	15	-	0	-
230	SP.1	Setpoint 1	R/W	Lo.L	Hi.L	dP.S	100	S.p.
231	SP.2	Setpoint 2	R/W	Lo.L	Hi.L	dP.S	200	S.p.
232	In.tV	Auxiliary input TV value	R	0	HS.tV	1	-	S.p.
234	G.SP	Set gradient	R/W	0.0	999.9	1	0.0	digit/min
238	Act	Actuator travel time	R/W	0.0	2000	-	60	Sec
239	t_Lo	Impulse minimum time/actuator travel time	R/W	0.0	25.0	1	2.0	% Act
240	t_Hi	Pulse alarm point	R/W	0.0	100.0	1	0.0	% Act
241	db	Valve dead zone	R/W	0.0	25.0	1	0.0	%
242	At.tY	Valves control type	R/W	0	15	-		-
243	t_on	ON time pulse valve	R/W	0.0	100.0	1	2.0	% Act
244	t_off	OFF time pulse valve	R/W	0.0	100.0	1	0.0	% Act
245	-	VALVPOS (integer value valve position – factory use)	R	0	65535	-	-	-
246	-	LSVV (fractional value valve position – factory use)	R	0	65535	-	-	-
249	SP.r	Remote setpoint type	R/W	0	15	-	0	-
250	-	Remote setpoint from serial line	R/W	Lo.L	Hi.L	-	-	S.p.
252	-	Control output value in manual mode	R/W	-100.0	100.0	1	-	%
254	h.P.L	Heating minimum power limit	R/W	0.0	100.0	1	0.0	%
255	c.P.L	Cooling minimum power limit	R/W	0.0	100.0	1	0.0	%
259	G.S2	Auxiliary set gradient for SP2	R/W	0.0	999.9	1	0.0	digit/min
260	Pf.t	Power alarm delay time	R/W	0	999	0	0	Sec
261	b.St	Steady band (hot runners)	R/W	0.0	100.0	1	0.0	%
262	b.PF	Power alarm band (hot runners)	R/W	0.0	100.0	1	0.0	%
263	SP.S	Set Point soft start (hot runners)	R/W	Lo.L	Hi.L	dP.S	100	p.s.
264	So.P	Soft start power	R/W	-100.0	100.0	1	0.0	%
265	Hot	Functions selection for hot runners	R/W	0	15	-		-

293	S.33	Custom scale point 33	R/W	-1999	9999	2	0	Mv
294	S.34	Custom scale point 34	R/W	-1999	9999	2	0	Mv
295	S.35	Custom scale point 35	R/W	-1999	9999	3	0	Mv
296	-	FLG_PID : bit3=active selftuning, bit6=active autotuning	R	0	255	-	-	-
303	-	VALADC_TA	R	0	255	-	-	ADC
304	-	VALADC_TV	R	0	255	-	-	ADC
305	-	STATUS_W: bit1= SP1/SP2, bit2= start/stop selftuning, bit3 = ON/OFF, bit4 = AUTO/MAN, bit5= start/stop autotuning, bit6 = LOC/REM.	R/W	0	-	-	-	
306	-	SK_SER_AN	R/W	0	-	-	-	-
308	-	X_OUTVAL	R	0	5	-	-	-
309	-	GRF_CNT	R	0	5	-	-	-
310	-	IN_ADC	-	-	-	-	-	-
311	-	Stato strumento PAGE	R	0	-	-	-	-
312	-	Stato strumento ROW	R	0	-	-	-	-
313	-	Stato strumento BLOK_PNTR	R	0	-	-	-	-
314	-	Stato strumento ADD_VAR	R	0	-	-	-	-
315	-	FREQUENZA	-	-	-	-	-	-
316	-	INTATV_PRESENT	-	-	-	-	-	-
317	-	Stato ingressi digitali INPUT_DIG	R	0	-	-	-	-
318	-	Alarms status: ALSTATE_IRQ	R	0	31	-	-	-
319	-	Output logic/relays status: MASKOUT	R	0	7	-	-	-
320	-	Keyboard image: NEW_TAST	R	0	15	-	-	-
321	-	AL4_RAM alarm 4 from serial line	R/W	Lo.L	Hi.L	dP.S	0	p.s.
322	-	VALAUXTV_F	R/W	0	65535	-	-	-
323	-	RAM_CAL3_MIN	R	0	65535	-	-	-
324	-	RAM_CAL3_MAX	R	0	65535	-	-	-
334	-	FAD_AUX	R	0	65535	-	-	ADC
335	-	FAD_AUXTV	R	0	65535	-	-	ADC
337	-	FAD_SOND	R	0	65535	-	-	ADC
338	-	FAD_TAMB	R	0	65535	-	-	ADC

339	-	FAD_ZERO	R	0	65535	-	-	ADC
340	-	FAD_50	R	0	65535	-	-	ADC
341	-	AL1_RAM alarm 1 from serial line	R/W	Lo.L	Hi.L	dP.S	0	p.s.
342	-	AL2_RAM alarm 2 from serial line	R/W	Lo.L	Hi.L	dP.S	0	p.s.
343	-	AL3_RAM alarm 3 from serial line	R/W	Lo.L	Hi.L	dP.S	0	p.s.
344	-	V_IN_OUT	R/W	0	255	-	-	-
345	-	STATUS6_W	R/W	0	255	-	-	-
346	-	STATO_JUMPER	R	0	255	-	-	-
347	-	VALUE_F	R/W	0	65535	-	-	-
348	-	VALAUX_F	R/W	0	65535	-	-	-
349	-	VAL_FILD	R	Lo.S	Hi.S	-	-	p.s.
350	-	DOT	R	0	255			
351	-	V_X_LEDS	R/W	-	-	-	-	-
352	-	RAM_CAL_MIN	R	0	65535	-	-	-
353	-	RAM_CAL_MAX	R	0	65535	-	-	-
354	-	RAM_CAL2_MIN	R	0	65535	-	-	-
355	-	RAM_CAL2_MAX	R	0	65535	-	-	-
358	-	BLOK_CUS10VL	R	0	65535	-	-	-
359	-	BLOK_CUS10VH	R	0	65535	-	-	-
360	-	BLOK_CUS60L	R	0	65535	-	-	-
361	-	BLOK_CUS60H	R	0	65535	-	-	-
362	-	BLOK_CUSTAL	R	0	65535	-	-	-
363	-	BLOK_CUSTAH	R	0	65535	-	-	-
364	-	BLOK_CUSTVL	R	0	65535	-	-	-
365	-	BLOK_CUSTVH	R	0	65535	-	-	-
366	-	BLOK_CUSRTDL	R	0	65535	-	-	-
367	-	BLOK_CUSRTDH	R	0	65535	-	-	-
372	-	BLOK_CUSAUXL (TA1 min)	R	0	65535	-	-	p.c.
373	-	BLOK_CUSAUXH (TA1 max)	R	0	65535	-	-	p.c.
374	-	BLOK_CUSAUXTVL (TV1 min)	R	0	65535	-	-	p.c.
375	-	BLOK_CUSAUXTVH (TV1 max)	R	0	65535	-	-	p.c.
376	-	BLOK_C50	R	0	65535	-	-	-
377	-	BLOK_CTA	R	0	65535	-	-	-
378	-	BLOK_PT100L	R	0	65535	-	-	-

379	-	BLOK_PT100H	R	0	65535	-	-	-
380	-	BLOK_JPT100L	R	0	65535	-	-	-
381	-	BLOK_JPT100H	R	0	65535	-	-	-
386	-	BLOK_60MVL	R	0	65535	-	-	-
387	-	BLOK_60MVH	R	0	65535	-	-	-
388	-	BLOK_20MAL	R	0	65535	-	-	-
389	-	BLOK_20MAH	R	0	65535	-	-	-
394	-	BLOK_1VL	R	0	65535	-	-	-
395	-	BLOK_1VH	R	0	65535	-	-	-
396	-	BLOK_CUSTAL	R	0	65535	-	-	-
397	-	BLOK_CUSTAH	R	0	65535	-	-	-
398	-	BLOK_CUSTVL	R	0	65535	-	-	-
399	-	BLOK_CUSTVH	R	0	65535	-	-	-
400	Typ.	Probe type, signal, enable custom linearization and main input scale	R/W	0	50	-	0	-
401	Lo.S	Scale minimum limit	R/W	-1999	9999	dP.S	0	p.s.
402	Hi.S	Scale maximum limit	R/W	-1999	9999	dP.S	1000	p.s.
403	DP.S	Decimal point position	R/W	0	3	-	0	
404	Lo.S2	Auxiliary input minimum range	R/W	-1999	9999	dP_S	0	P.s.
405	HS.TA	Auxiliary input scale TA maximum limit	R/W	0.0	999.9	1	100.0	p.s.
406	A1.t	Alarm type 1	R/W	0	223	-	0	-
407	A2.t	Alarm type 2	R/W	0	223	-	0	-
408	A3.t	Alarm type 3	R/W	0	223	-	0	-
409	A4.t	Alarm type 4	R/W	0	223	-	0	-
410	HS.tv	Auxiliary input scale TV maximum limit	R/W	0.0	999.9	1	100.0	p.s.
411	oF.tv	Auxiliary input offset correction TA	R/W	-99.9	99.9	1	0.0	p.s.
412	Ft.tv	TV input digital filter	R/W	0.0	20.0	1	0.1	sec
413	HS.TA 2	Auxiliary input maximum range TA2	R/W	0.0	999.9	1	100.0	p.s.
414	HS.TA 3	Auxiliary input maximum range TA3	R/W	0.0	999.9	1	100.0	p.s.
415	oF.TA 2	Auxiliary input offset correction TA2	R/W	-99.9	99.9	1	0.0	p.s.

416	oF.TA 3	Auxiliary input offset correction TA3	R/W	-99.9	99.9	1	0.0	p.s.
417	HS.TV 2	Auxiliary input maximum range TV2	R/W	0.0	999.9	1	100.0	p.s.
418	HS.TV 3	Auxiliary input maximum range TV3	R/W	0.0	999.9	1	100.0	p.s.
419	oF.TV 2	Auxiliary input offset correction TV2	R/W	-99.9	99.9	1	0.0	p.s.
420	oF.TV 3	Auxiliary input offset correction TV3	R/W	-99.9	99.9	1	0.0	p.s.
421	RAP	Heat% or Cool% on Out7	R/W	0.0	100.0	1	100.0	%
422	-	BLOK_GE	R	0	65535	-	-	-
423	-	BLOK_FR	R	0	65535	-	-	-
424	-	BLOK_AN	R	0	65535	-	-	-
425	-	BLOK_0G	R	0	65535	-	-	-
426	-	BLOK_TR	R	0	65535	-	-	-
427	-	CHK_CONF	R	0	1	-	-	-
428	-	PROPBAND (autotuning)	R	0.0	999.9	-	-	%
429	-	INT_TIME (autotuning)	R	0.0	99.99	-	-	min
430	-	DER_TIME (autotuning)	R	0.0	99.99	-	-	min
431	-	CPRPBAND (autotuning)	R	0.0	999.9	-	-	%
432	-	CINTTIME (autotuning)	R	0.0	99.99	-	-	min
433	-	CDERTIME (autotuning)	R	0.0	99.99	-	-	min
440	-	ROTARY_SW	R	0	15	-	-	-
458	-	CONF_UTENTE1	R/W	0	65535	-	-	-
459	-	CONF_UTENTE2	R/W	0	65535	-	-	-
460	-	CONF_UTENTE3	R/W	0	65535	-	-	-
461	-	CONF_UTENTE4	R/W	0	65535	-	-	-
462	-	CONF_UTENTE5	R/W	0	65535	-	-	-
465	-	RESERVED	R	-	-	-	-	-
466	-	RESERVED	R	-	-	-	-	-
467	-	STATUS_STRUMENTO: bit0 = (AL1 or AL2	R	0	65535	-	-	-

		or AL3 or AL4 or ALHB.TA1, ALHB.TA2, ALHB.TA3), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit5 = heat, bit6 = cool, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB, bit13 = ON/OFF, bit14 = AUTO/MAN, bit15 = LOC/REM						
468	In.TAon	VALAUX_ON	R	0	HS.TA	dP.S	-	p.s.
469	-	STATUS_STRUMENTO1: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1, ALHB.TA2, ALHB.TA3), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB.TA1, bit13 = ALHB.TA2, bit14 = ALHB.TA3, bit 15 = active selftuning	R	0	65535	-	-	-
470	P.V.	Process variable	R	Lo.S	Hi.S	dP.S	-	p.s.
471	Ou.P	Control output value	R	-100.0	100.0	1	-	%
472	-	Local setpoint	R/W	Lo.L	Hi.L	dP.S	400	p.s.
473	In.TA	Auxiliary input TA value	R	0	HS.TA	dP.S	-	p.s.
474	A.Hb	Alarm point HB	R/W	0	HS.TA	1	10.0	p.s.
475	AL.1	Alarm point 1 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	500	p.s.
476	AL.2	Alarm point 2 (if relative	R/W	Lo.L (-999)	Hi.L (999)	dP.S	600	p.s.
477	-	STATUS_STRUMENTO: bit0 = (AL1 or AL2 or AL3 or AL4 or ALHB.TA1, ALHB.TA2, ALHB.TA3), bit1 = input Lo, bit2 = input Hi, bit3 = input Err, bit4 = input Sbr, bit5 = heat, bit6 = cool, bit7 = LBA, bit8 = AL1, bit9 = AL2, bit10 = AL3, bit11 = AL4, bit12 = ALHB, bit13 = ON/OFF, bit14 = AUTO/MAN, bit15 = LOC/REM	R	0	65535	-	-	-
478	-	Control output value in manual mode	R/W	-100.0	100.0	1	-	%
479	AL.3	Alarm point 3 (if relative)	R/W	Lo.L (-999)	Hi.L (999)	dP.S	700	p.s.
480	AL.4	Alarm point 4	R/W	Lo.S (-	Hi.S	dP.S	800	p.s.

		(if relative)		999)	(999)			
481	S.P.	Active setpoint	R	Lo.L	Hi.L	dP.S	400	p.s.
482	SP.1	Setpoint 1	R/W	Lo.L	Hi.L	dP.S	100	p.s.
483	SP.2	Set point 2	R/W	Lo.L	Hi.L	dP.S	200	p.s.
484	c.SP	Setpoint for cooling relative to heating setpoint	R/W	-25.0	25.0	1	0.0	%
485	In.TV	Auxiliary input TV value	R	0	HS.TV	dP.S	-	p.s.
486	-	FAD_TA2	R	0	65535	-	-	ADC
487	-	FAD_TA3	R	0	65535	-	-	ADC
488	-	FAD_TV2	R	0	65535	-	-	ADC
489	-	FAD_TV3	R	0	65535	-	-	ADC
490	In.TA2	Auxiliary input value TA 2	R	0	HS.TA 2	dP.S	-	p.s.
491	In.TA3	Auxiliary input value TA 3	R	0	HS.TA 3	dP.S	-	p.s.
492	In.TV2	Auxiliary input value TV 2	R	0	HS.TV 2	dP.S	-	p.s.
493	In.TV3	Auxiliary input value TV 3	R	0	HS.TV 3	dP.S	-	p.s.
494	-	VAL_TA2_F (value after filter Ft.tA)	R/W	0	65535	-	-	-
495	-	VAL_TA3_F (value after filter Ft.tA)	R/W	0	65535	-	-	-
496	-	VAL_TV2_F (value after filter Ft.tV)	R/W	0	65535	-	-	-
497	-	VAL_TV3_F (value after filter Ft.tV)	R/W	0	65535	-	-	-
498	In.TA2 on	VAL_TA2_ON	R	0	HS.3	dP.S	-	p.s.
499	In.TA3 on	VAL_TA3_ON	R	0	HS.4	dP.S	-	p.s.
500	-	RAM_CALTA23TV23_MIN	R	0	65535	-	-	-
501	-	RAM_CALTA23TV23_MAX	R	0	65535	-	-	-
502	A.Hb2	Alarm HB TA2	R/W	0	HS.3	1	10.0	p.s.
503	A.Hb3	Alarm HB TA3	R/W	0	HS.4	1	10.0	p.s.
504	-	Alarm status HB ALSTATE_HB: bit0= HB TA2 time on, bit1= HB TA2 time off, bit2= alarm HB TA2 Bit3= HB TA3 time on, bit4= HB TA3 time off, bit5= alarm HB TA3	R	0	255	-	-	-
505	rIF	Reference voltage for manual power correction	R/W	0.0	999.9	1	0.0	p.s.
506	Cor	Manual power correction	R/W	0.0	100.0	1	0.0	%

507	-	Power saved in ON-OFF = OFF	R	-100.0	100.0	1	-	%
508	C.Hd1	Configuration hardware 1	R	0	255	-	-	-
509	-	Status V load STATE_VLOAD: bit0= VLOAD TA1, bit1= VLOAD TA2, bit2= VLOAD TA3	R	0	255	-	-	-
512	-	Alarms status ALSTATE: bit4 = alarm HB on time bit5 = alarm HB off time bit6 = alarm HB	R	0	255	-	-	-
513	C.ME	Cooling medium	R/W	0	2	-	0	-
516	P.rS	Reset power	R/W	-100.0	100.0	1	0.0	%
517		POWER_SET (hot runners)	R/W	-100.0	100.0	1	0.0	%
519	oFS.	Offset correction for MAIN input	R/W	-999	999	dP.S	0	p.s.
521	-	BLOK_ 10VAUXL	R	0	65535	-	-	-
522	-	BLOK_ 10VAUXH	R	0	65535	-	-	-
523	-	BLOK_ 20MAAUXL	R	0	65535	-	-	-
524	-	BLOK_ 20MAAUXH	R	0	65535	-	-	-
525	-	BLOK_ CUSAUXPOTL	R	0	65535	-	-	-
526	-	BLOK_ CUSAUXPOTH	R	0	65535	-	-	-
527	-	BLOK_ TAAUXL	R	0	65535	-	-	-
528	-	BLOK_ TAAUXH	R	0	65535	-	-	-
529	G.TA. 2	GAIN TA2 (mV f.s)	R/W	0.0	100.0	-	51.5	mV
530	G.TA. 3	GAIN TA3 (mV f.s)	R/W	0.0	100.0	-	51.5	mV
531	-	FAD_AUX_PEAK	R	0	65535	-	-	ADC
532	-	FAD_AUXTV_PEAK	R	0	65535	-	-	ADC
65535	-	Fieldbus reserved	-	-	-	-	-	-

GEFLEX MODBUS - BIT

Software version V1.30

Address	Descrizione	R/W
0	Selftuning active	R
1	Auto (= 0) / Manual (= 1)	R/W
3	Selftuning Stop (= 0) / Start (= 1)	R/W
4	AL1 status	R
5	AL2 status	R
8	Alarm LBA status	R
9	Sensor break Sbr	R
10	Local/Remote SP	R/W
11	On (= 0) / Off (= 1) software	R/W
12	Out1 status	R
13	Out2 status	R
14	Out3 status	R
15	Out4 status	R
16	Out5 status	R
17	Out6 status	R
26	Alarm status HB (OR TA1-TA2-TA3)	R
28	Autotuning active	R
29	Autotuning stop (= 0) / start (= 1)	R/W
36	AL3 direct/inverse	R/W
37	AL3 absolute/relative	R/W
38	AL3 normal/symmetrical	R/W
39	AL3 disabled in power on	R/W
40	AL3 with memory	R/W
46	AL1 direct/inverse	R/W
47	AL1 absolute/relative	R/W

48	AL1 normal/symmetrical	R/W
49	AL1 disabled in power on	R/W
50	AL1 with memory	R/W
54	AL2 direct/inverse	R/W
55	AL2 absolute/relative	R/W
56	AL2 normal/symmetrical	R/W
57	AL2 disabled in power on	R/W
58	AL2 with memory	R/W
62	AL3 status	R
63	Softstart active	R
64	Input of hold active	R/W
68	Digital input status	R
69	AL4 status	R
70	AL4 direct/inverse	R/W
71	AL4 absolute/relative	R/W
72	AL4 normal/symmetrical	R/W
73	AL4 disabled in power on	R/W
74	AL4 with memory	R/W
75	SP1-SP2 seletcion (0=SP1, 1=SP2)	R/W
76	Alarm status HB phase 1 TA	R
77	Alarm status HB phase 2 TA	R
78	Alarm status HB phase 3 TA	R
79	Alarm reset memory	R/W
80	Power alarm status (hot runners)	R