Motor Parameters:

Idx	Name	Type	Value	Default	Min	Max
0	uavcan.node_id	integer	0	0	0	125
1	uavcan.esc_index	integer	1	0	0	15
2	uavcan.esc_ttl	real	5.0	0.5	0.100000001	10.0
3	uavcan.esc_sint	real	0.050000001	0.050000001	0.01	1.0
4	uavcan.esc_sintp	real	0.5	0.5	0.01	10.0
5	uavcan.esc_rcm	integer	1	2	0	2
6	uavcan.esc_revrs	boolean	False	False		
7	rcpwm.ttl	real	0.300000012	0.300000012	0.100000001	10.0
8	rcpwm.ctl_mode	integer	2	2	0	2
9	rcpwm.reverse	boolean	False	False		
10	ctl.spinup_durat	real	1.5	1.5	0.100000001	10.0
11	ctl.num_attempts	integer	100	100	1	10000000
12	ctl.vm_cci_comp	boolean	False	False		
13	ctl.vm_oversatur	boolean	False	False		
14	ctl.pwron_slftst	boolean	False	False		
15	ctl.hard_stop	boolean	True	False		
16	ctl.vm_pppwm_thr	real	0.949999988	0.949999988	0.0	1.0
17	ctl.field_weaken	boolean	True	False		
18	m.num_poles	integer	28	0	0	200
19	m.max_current	real	40.0	0.0	0.0	200.0
20	m.max_id_current	real	36.0	0.0	0.0	200.0
21	m.min_current	real	3.0	0.0	0.0	50.0
22	m.spup_curr_begn	real	20.0	0.0	0.0	200.0
23	m.spup_curr_end	real	2.0	0.0	0.0	200.0
24	m.flux_linkage	real	0.001159	0.0	0.0	0.5
25	m.resistance	real	0.0243	0.0	0.0	100.0
26	m.induct_direct	real	9.35e-06	0.0	0.0	0.5
27	m.induct_quadrat	real	9.35e-06	0.0	0.0	0.5
28	m.min_eangvel	real	2000.0	400.0	10.0	9000.0

Idx	Name	Type	Value	Default	Min	Max
27	m.induct_quadrat	real	9.35e-06	0.0	0.0	0.5
28	m.min_eangvel	real	2000.0	400.0	10.0	9000.0
29	m.max_eangvel	real	6800.0	10000.0	10.0	20000.0
30	m.current_ramp	real	5000.0	5000.0	0.100000001	10000.0
31	m.voltage_ramp	real	15.0	15.0	0.01	1000.0
32	m.eangvel_accel	real	20000.0	15000.0	0.01	1000000.0
33	m.eangvel_decel	real	10000.0	10000.0	0.0	1000000.0
34	m.eangvel_ctl_kp	real	0.037799418	0.01	0.0	1000.0
35	m.eangvel_ctl_ki	real	0.151197672	0.01	0.0	1000.0
36	m.eangvel_ctl_kd	real	0.0	1e-06	0.0	100.0
37	m.current_ctl_bw	real	0.050000004	0.059999999	1e-05	0.5
38	m.fw_bemf_ctl_kp	real	9.600000381	9.600000381	0.0	10.0
39	m.fw_bemf_ctl_ki	real	0.949999988	0.949999988	0.0	1.0
40	m.fw_eangvel_hys	real	100.0	100.0	0.0	10000.0
41	m.fw_volt_boost	real	1.200000048	1.200000048	1.0	1.5
42	load.linear_coef	real	0.0	0.0	0.0	1.0
43	load.square_coef	real	1.84e-06	0.0	0.0	1.0
44	mid.phi.curr_mul	real	0.100000001	0.300000012	0.100000001	1.0
45	mid.phi.eangvel	real	300.0	300.0	50.0	2000.0
46	mid.phi.stall_th	real	4.0	4.0	2.0	20.0
47	mid.phi.curr_bw	real	0.01	0.01	0.001	0.100000001
48	mid.l.curr_mul	real	0.02	0.059999999	0.01	0.5
49	mid.l.curr_freq	real	900.0	900.0	50.0	1500.0
50	mid.l.curr_bw	real	0.001	0.001	0.001	0.100000001
51	mid.r.curr_mul	real	0.100000001	0.300000012	0.050000001	1.0
52	o.type	integer	0	0	0	1
53	o.ekf.q_id	real	13000.0	14000.0	0.100000001	1000000000.0
54	o.ekf.q_iq	real	25000.0	43000.0	0.100000001	1000000000.0
55	o.ekf.q_eangvel	real	3000000.0	4000000.0	0.100000001	1000000000.0

Idx	Name	Type	Value	Default	Min	Max
49	mid.l.curr_freq	real	900.0	900.0	50.0	1500.0
50	mid.l.curr_bw	real	0.001	0.001	0.001	0.100000001
51	mid.r.curr_mul	real	0.100000001	0.300000012	0.050000001	1.0
52	o.type	integer	0	0	0	1
53	o.ekf.q_id	real	13000.0	14000.0	0.100000001	1000000000.0
54	o.ekf.q_iq	real	25000.0	43000.0	0.100000001	1000000000.0
55	o.ekf.q_eangvel	real	3000000.0	4000000.0	0.100000001	1000000000.0
56	o.ekf.p0_idq	real	0.001	0.001	0.0	1000000.0
57	o.ekf.p0_eangvel	real	0.001	0.001	0.0	1000000.0
58	o.ekf.sched_curr	real	20.0	20.0	0.0	100.0
59	o.ekf.sched_ind	real	0.800000012	0.800000012	0.0	1.0
60	o.ekf.sched_flux	real	0.949999988	0.949999988	0.0	1.0
61	o.ekf.cc_comp	real	0.0	0.0	0.0	10.0
62	o.mras.gain	real	150000.0	150000.0	0.001	1000000.0
63	bec.can_pwr_on	boolean	False	False		
64	rcpwm.enable	boolean	False	False		
65	rcpwm.pulse.bot	real	0.001	0.001	0.0	0.059999999
66	rcpwm.pulse.mid	real	0.0015	0.0015	0.0	0.059999999
67	rcpwm.pulse.top	real	0.002	0.002	0.0	0.059999999
68	rcpwm.pulse.hyst	real	2e-05	2e-05	0.0	0.029999999
69	vsi.pwm_freq	real	32000.0	0.0	0.0	50000.0
70	m.temp_sens_typ	integer	0	0	0	2
71	vsi.curr_shunt	real	0.003	0.003	0.0001	0.01
72	vsi.tr_rds_on	real	0.006	0.006	0.001	0.02
73	vsi.tr_ton_ns	real	6.0	14.0	1.0	1000.0
74	vsi.tr_toff_ns	real	45.0	25.0	1.0	1000.0
75	vsi.divider_up	real	35600.0	35600.0	100.0	1000000.0
76	vsi.divider_lo	real	2000.0	2000.0	100.0	1000000.0
77	exec_aux_command	integer	-1	-1	-1	9999