

Trox Labcontrol parameter list room controller (TCU-LON II)							Stand 01.03.2003 laut Masterlist 11.0
Nr.	name	UNVT / SNVT	Bytes	value range	unit	Init	description
1	nviMode	SNVT_state	2			0,0,0,0,0,0,0,0,0,0,0,0,0,0,1	operation mode
2	nviMode_prio	SNVT_switch	2	value: 0..200; state: 0/1		0,0 0	priority LON or digital inputs
3	nviV_act_01	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 01
4	nviV_act_02	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 02
5	nviV_act_03	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 03
6	nviV_act_04	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 04
7	nviV_act_05	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 05
8	nviV_act_06	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 06
9	nviV_act_07	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 07
10	nviV_act_08	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 08
11	nviV_act_09	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 09
12	nviV_act_10	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 10
13	nviV_act_11	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 11
14	nviV_act_12	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 12
15	nviV_act_13	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 13
16	nviV_act_14	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 14
17	nviV_act_15	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 15
18	nviV_act_16	SNVT_flow	2	0 .. 65534	l/s	0	actual volume air flow input 16
19	nviPress_set	SNVT_press_p	2	-32768 .. 32766	Pa	32767	external set pressure
20	nviPress_act	SNVT_press_p	2	-32768 .. 32766	Pa	32767	external actual pressure
21	nviTemp_set	SNVT_temp_p	2	-273,17 .. 327,66	°C	327,67	external set temperature
22	nviTemp_act	SNVT_temp_p	2	-273,17 .. 327,66	°C	327,67	external actual temperature
25	nvoMode_FB	SNVT_state	2			0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	transmission operation mode
26	nvoMode_act	SNVT_state	2			0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	output actual operation mode
27	nvoState	SNVT_state	2			0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	output state and fault messages
32	nvoAlarm_1	SNVT_switch	2	value: 0..200; state: 0/1		0,0 -1	alarm output 1 (configuration)
33	nvoAlarm_2	SNVT_switch	2	value: 0..200; state: 0/1		0,0 -1	alarm output 2 (configuration)
34	nvoAlarm_3	SNVT_switch	2	value: 0..200; state: 0/1		0,0 -1	alarm output 3 (configuration)
35	nvoV_set	SNVT_flow	2	0 .. 65534	l/s	0	set volume flow
36	nvoV_act	SNVT_flow	2	0 .. 65534	l/s	0	actual volume flow
37	nvoPress_set	SNVT_press_p	2	-32768 .. 32766	Pa	32767	set pressure
38	nvoPress_act	SNVT_press_p	2	-32768 .. 32766	Pa	32767	actual pressure
39	nvoTemp_set	SNVT_temp_p	2	-273,17 .. 327,66	°C	327,67	set temperature
40	nvoTemp_act	SNVT_temp_p	2	-273,17 .. 327,66	°C	327,67	actual temperature
42	nvoV_AI_act	SNVT_flow	2	0 .. 65534	l/s	0	actual volume flow analog input
43	nvoV_total_sup	SNVT_flow	2	0 .. 65534	l/s	0	total volume air flow supply
44	nvoV_total_exh	SNVT_flow	2	0 .. 65534	l/s	0	total volume air flow exhaust
46	nvoAct_pos	SNVT_lev_percent	2	-163,840 .. 163,830	%	163,835	actuating variable valve (temperature control)



nviMode				
Bit	description	"0"	"1"	Init
0	Day operation	not active	Day operation	0
1	Reduced operation	not active	Reduced operation	0
2	Emergency operation	not active	Emergency operation	0
3	Close	not active	Close	0
4	Open	not active	Open	0
5				0
6				0
7				0
8				0
9				0
10				0
11	Open	not active	Open	0
12	Close	not active	Close	0
13	Emergency operation	not active	Emergency operation	0
14	Reduced operation	not active	Reduced operation	0
15	Day operation	not active	Day operation	1

nvoMode_FB				
Bit	description	"0"	"1"	Init
0				0
1				0
2				0
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
11	Open	not active	Open	0
12	Close	not active	Close	0
13	Emergency operation	not active	Emergency operation	0
14	Reduced operation	not active	Reduced operation	0
15	Day operation	not active	Day operation	0

TROX[®] TECHNİK

nvoMode_act				
Bit	description	"0"	"1"	Init
0				0
1				0
2				0
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
11	Open	not active	Open	0
12	Close	not active	Close	0
13	Emergency operation	not active	Emergency operation	0
14	Reduced operation	not active	Reduced operation	0
15	Day operation	not active	Day operation	0

nvoState				
Bit	description	"0"	"1"	Init
0	DigIn1	not active	gesetzt	0
1	DigIn2	not active	gesetzt	0
2	Auto zero	not active	aktiv	0
3	Press invert	not active	aktiv	0
4	Heat	no heating	heating	0
5	Cool	no cooling	cooling	0
6	DigOut	not active	active	0
7				0
8	Auto zero fault	no fault	fault	0
9	MDT fault	no fault	fault	0
10				0
11				0
12				0
13				0
14				0
15				0