



Lindab Pascal

Regula master

EXOLine / Modbus Signals



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EXOline / Modbus Signals

Introduction

Signal types

All signals that are accessible from a SCADA system are described further in this document. The signals that have a default value are settings that can be changed from SCADA, the signals without default values are actual values and they cannot be changed from SCADA.

Address

The address of the Lindab Pascal controller is always as default PLA=254 and ELA=30. To change this address so it corresponds to the address that is configured in EXOdesigner/EXOcontroller you have to use the display.

EXOL Type

The EXOL type of the signals:

R = Real (-3.3E38 - 3.3E38)
 I = Integer (-32768 - 32767)
 X = Index (0 - 255)
 L = Logic (0/1)

Modbus Type

The Modbus type of the signals (type in the list below):

1 = Coil Status Register (Modbus function = 1, 5 and 15)
 2 = Input Status Register (Modbus function = 2)
 3 = Holding Register (Modbus function = 3, 6 and 16)
 4 = Input Register (Modbus function = 4)

Supported Modbus functions:

1 = Read Coils
 2 = Read Discrete Input
 3 = Read Holding Register
 4 = Read Input Register
 5 = Write Single Coil
 6 = Write Single Register
 15 = Write Multiple Coils
 16 = Write Multiple Registers

Max 47 register

Max 47 register can be read in one message when communicating with an GRM/SRM (Signals in column GRM/SRM can be seen in the tables on the following pages).

Max 5 LRM register

Max 5 register can be read in one message when communicating with an LRM (Signals in the other columns SRM, LRM1 - LRM5).

Communication limits

The modbus master must wait for a minimum of 3.5 character times (4ms at 9600 bps) between two messages. When the modbus master communicate with more than one controller on the same communication line (RS485), the modbus master must wait for a minimum of 14 character times (16ms at 9600bps) between the answer and the first question for the next controller.

Scale factor Modbus

All real signals have scale factor 10 except the time settings signals that have scale factor 100 for modbus communication. Integer, Index and Logic has always scale factor 1.

EXOline / Modbus Signals

Input Status Register

Input Status Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
QDig.Di1	L,2	1	-	-	-	-	-		Value of DI1 (GRM_FanOnOff)
QDig.Di2	L,2	2	-	-	-	-	-		Value of DI2 (GRM_NightCoolingOnOff)

EXOline / Modbus Signals

Coil Status Register

Coil Status Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRM.NightCoolActivated	L,1	1	-	-	-	-	-	1	Activates Night Cooling 0=No, 1=Yes
VpacRM.SAF_SpeedReset	L,1	2	-	-	-	-	-	0	Reset SAF speed if power failure 0=No, 1=Yes
VpacRM.EAF_SpeedReset	L,1	3	-	-	-	-	-	0	Reset EAF speed if power failure 0=No, 1=Yes
VpacRM.Modbus_FanOnOff	L,1	4	-	-	-	-	-	1	GRM Fan 0=Off, 1=On

EXOnline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
QAnaIn.AI1	R,4	1	-	-	-	-	-		The raw value of AI1 (0-10V) (GRM Damper Pos. SRC)
QAnaIn.AI2	R,4	2	-	-	-	-	-		The raw value of AI2 (0-10V) (GRM Damper Pos. ERC)
QAnaIn.AI3	R,4	3	-	-	-	-	-		The raw value of AI3 (0-10V) (SAF pressure)
QAnaIn.AI4	R,4	4	-	-	-	-	-		The raw value of AI4 (0-10V) (EAF pressure)
QAnaIn.AI5	R,4	5	-	-	-	-	-		The raw value of AI5 (°C) (Outdoor temperature)
QanaOut.AQ1	R,4	9	-	-	-	-	-		Value of AO1 (0-10V) (Supply Fan)
QanaOut.AQ1	R,4	10	-	-	-	-	-		Value of AO2 (0-10V) (Supply Fan)
QanaOut.AQ3	R,4	11	-	-	-	-	-		Value of AO3 (Max Damper Pos. SRC)
QanaOut.AQ4	R,4	12	-	-	-	-	-		Value of AO4 (Max Damper Pos. ERC)
VpacRM.SRC_DamperPos(0)	R,4	14	-	-	-	-	-		SAF Actual value (%)
VpacRM.ERC_DamperPos(0)	R,4	15	-	-	-	-	-		EAF Actual value (%)
VpacRM.SAFpressure	R,4	16	-	-	-	-	-		Pressure control SAF Actual value (Pa)
VpacRM.EAFpressure	R,4	17	-	-	-	-	-		Pressure control EAF Actual value (Pa)
StdObjs1.SAFCtrl_Output	R,4	18	-	-	-	-	-		SAF output (%)
StdObjs1.EAFCtrl_Output	R,4	19	-	-	-	-	-		EAF output (%)
StdObjs1.SAFpressureCtrl_Output	R,4	20	-	-	-	-	-		Pressure control SAF output (%)
StdObjs1.EAFpressureCtrl_Output	R,4	21	-	-	-	-	-		Pressure control EAF output (%)
VpacRM.SRC_AirflowSum	R,4	22	-	-	-	-	-		Total Summarized flow Supply
VpacRM.ERC_AirflowSum	R,4	23	-	-	-	-	-		Total Summarized flow Exhaust

EXOline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRM.SRC_DamperPos(1)	R,4	34	-	-	-	-	-		Highest SRC damper pos. LRM1
VpacRM.SRC_DamperPos(2)	R,4	35	-	-	-	-	-		Highest SRC damper pos. LRM2
VpacRM.SRC_DamperPos(3)	R,4	36	-	-	-	-	-		Highest SRC damper pos. LRM3
VpacRM.SRC_DamperPos(4)	R,4	37	-	-	-	-	-		Highest SRC damper pos. LRM4
VpacRM.SRC_DamperPos(5)	R,4	38	-	-	-	-	-		Highest SRC damper pos. LRM5
VpacRM.ERC_DamperPos(1)	R,4	39	-	-	-	-	-		Highest ERC damper pos. LRM1
VpacRM.ERC_DamperPos(2)	R,4	40	-	-	-	-	-		Highest ERC damper pos. LRM2
VpacRM.ERC_DamperPos(3)	R,4	41	-	-	-	-	-		Highest ERC damper pos. LRM3
VpacRM.ERC_DamperPos(4)	R,4	42	-	-	-	-	-		Highest ERC damper pos. LRM4
VpacRM.ERC_DamperPos(5)	R,4	43	-	-	-	-	-		Highest ERC damper pos. LRM5
VpacRM.NoOfLRM	X,4	44	-	-	-	-	-		Number of activated LRM
VpacRM.LRM_HighestCO2Value(0)	R,4	45	-	-	-	-	-		Highest CO2 Value
AlaData. SRCCommErrorLRM1_Status	X,4	51	-	-	-	-	-		SRC Comm. Error LRM1 0=Not used 1=Normal 2=Blocked 3=Acknowledge 4=Not used 5=Cancelled 6=Not used 7=Alarm
AlaData. SRCCommErrorLRM2_Status	X,4	52	-	-	-	-	-		SRC Comm. Error LRM2
AlaData. SRCCommErrorLRM3_Status	X,4	53	-	-	-	-	-		SRC Comm. Error LRM3
AlaData. SRCCommErrorLRM4_Status	X,4	54	-	-	-	-	-		SRC Comm. Error LRM4
AlaData. SRCCommErrorLRM5_Status	X,4	55	-	-	-	-	-		SRC Comm. Error LRM5
AlaData. SRCDamperErrorLRM1_Status	X,4	56	-	-	-	-	-		SRC Damper Error LRM1
AlaData. SRCDamperErrorLRM2_Status	X,4	57	-	-	-	-	-		SRC Damper Error LRM2
AlaData. SRCDamperErrorLRM3_Status	X,4	58	-	-	-	-	-		SRC Damper Error LRM3
AlaData. SRCDamperErrorLRM4_Status	X,4	59	-	-	-	-	-		SRC Damper Error LRM4
AlaData. SRCDamperErrorLRM5_Status	X,4	60	-	-	-	-	-		SRC Damper Error LRM5
AlaData. ERCCommErrorLRM1_Status	X,4	61	-	-	-	-	-		ERC Comm. Error LRM1
AlaData. ERCCommErrorLRM2_Status	X,4	62	-	-	-	-	-		ERC Comm. Error LRM2
AlaData. ERCCommErrorLRM3_Status	X,4	63	-	-	-	-	-		ERC Comm. Error LRM3
AlaData. ERCCommErrorLRM4_Status	X,4	64	-	-	-	-	-		ERC Comm. Error LRM4

EXOline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
AlaData. ERCCommErrorLRM5_Status	X,4	65	-	-	-	-	-		ERC Comm. Error LRM5
AlaData.CommAlarmLRM1_Status	X,4	66	-	-	-	-	-		Comm. Error LRM1
AlaData.CommAlarmLRM2_Status	X,4	67	-	-	-	-	-		Comm. Error LRM2
AlaData.CommAlarmLRM3_Status	X,4	68	-	-	-	-	-		Comm. Error LRM3
AlaData.CommAlarmLRM4_Status	X,4	69	-	-	-	-	-		Comm. Error LRM4
AlaData.CommAlarmLRM5_Status	X,4	70	-	-	-	-	-		Comm. Error LRM5
VpacRC.SRC_RoomTemp(1)	R,4	-	101	307	513	719	925		Actual Room temperature SRC 1
VpacRC.SRC_RoomTemp(2)	R,4	-	102	308	514	720	926		Actual Room temperature SRC 2
VpacRC.SRC_RoomTemp(3)	R,4	-	103	309	515	721	927		Actual Room temperature SRC 3
VpacRC.SRC_RoomTemp(4)	R,4	-	104	310	516	722	928		Actual Room temperature SRC 4
VpacRC.SRC_RoomTemp(5)	R,4	-	105	311	517	723	929		Actual Room temperature SRC 5
VpacRC.SRC_RoomTemp(6)	R,4	-	106	312	518	724	930		Actual Room temperature SRC 6
VpacRC.SRC_RoomTemp(7)	R,4	-	107	313	519	725	931		Actual Room temperature SRC 7
VpacRC.SRC_RoomTemp(8)	R,4	-	108	314	520	726	932		Actual Room temperature SRC 8
VpacRC.SRC_RoomTemp(9)	R,4	-	109	315	521	727	933		Actual Room temperature SRC 9
VpacRC.SRC_RoomTemp(10)	R,4	-	110	316	522	728	934		Actual Room temperature SRC 10
VpacRC.SRC_RoomTemp(11)	R,4	-	111	317	523	729	935		Actual Room temperature SRC 11
VpacRC.SRC_RoomTemp(12)	R,4	-	112	318	524	730	936		Actual Room temperature SRC 12
VpacRC.SRC_RoomTemp(13)	R,4	-	113	319	525	731	937		Actual Room temperature SRC 13
VpacRC.SRC_RoomTemp(14)	R,4	-	114	320	526	732	938		Actual Room temperature SRC 14
VpacRC.SRC_RoomTemp(15)	R,4	-	115	321	527	733	939		Actual Room temperature SRC 15
VpacRC.SRC_RoomTemp(16)	R,4	-	116	322	528	734	940		Actual Room temperature SRC 16
VpacRC.SRC_RoomTemp(17)	R,4	-	117	323	529	735	941		Actual Room temperature SRC 17
VpacRC.SRC_RoomTemp(18)	R,4	-	118	324	530	736	942		Actual Room temperature SRC 18
VpacRC.SRC_RoomTemp(19)	R,4	-	119	325	531	737	943		Actual Room temperature SRC 19
VpacRC.SRC_RoomTemp(20)	R,4	-	120	326	532	738	944		Actual Room temperature SRC 20
VpacRC.SRC_RoomTemp(21)	R,4	-	121	327	533	739	945		Actual Room temperature SRC 21
VpacRC.SRC_RoomTemp(22)	R,4	-	122	328	534	740	946		Actual Room temperature SRC 22
VpacRC.SRC_RoomTemp(23)	R,4	-	123	329	535	741	947		Actual Room temperature SRC 23
VpacRC.SRC_RoomTemp(24)	R,4	-	124	330	536	742	948		Actual Room temperature SRC 24
VpacRC.SRC_RoomTemp(25)	R,4	-	125	331	537	743	949		Actual Room temperature SRC 25
VpacRC.SRC_RoomTemp(26)	R,4	-	126	332	538	744	950		Actual Room temperature SRC 26
VpacRC.SRC_UnitState(1)	R,4	-	127	333	539	745	951		Actual unit mode SRC 1 0=Off 1=Unoccupied 2=Stand-by 3=Occupied 4=Bypass
VpacRC.SRC_UnitState(2)	R,4	-	128	334	540	746	952		Actual unit mode SRC 2
VpacRC.SRC_UnitState(3)	R,4	-	129	335	541	747	953		Actual unit mode SRC 3
VpacRC.SRC_UnitState(4)	R,4	-	130	336	542	748	954		Actual unit mode SRC 4
VpacRC.SRC_UnitState(5)	R,4	-	131	337	543	749	955		Actual unit mode SRC 5
VpacRC.SRC_UnitState(6)	R,4	-	132	338	544	750	956		Actual unit mode SRC 6
VpacRC.SRC_UnitState(7)	R,4	-	133	339	545	751	957		Actual unit mode SRC 7
VpacRC.SRC_UnitState(8)	R,4	-	134	340	546	752	958		Actual unit mode SRC 8

EXOline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRC.SRC_UnitState(9)	R,4	-	135	341	547	753	959		Actual unit mode SRC 9
VpacRC.SRC_UnitState(10)	R,4	-	136	342	548	754	960		Actual unit mode SRC 10
VpacRC.SRC_UnitState(11)	R,4	-	137	343	549	755	961		Actual unit mode SRC 11
VpacRC.SRC_UnitState(12)	R,4	-	138	344	550	756	962		Actual unit mode SRC 12
VpacRC.SRC_UnitState(13)	R,4	-	139	345	551	757	963		Actual unit mode SRC 13
VpacRC.SRC_UnitState(14)	R,4	-	140	346	552	758	964		Actual unit mode SRC 14
VpacRC.SRC_UnitState(15)	R,4	-	141	347	553	759	965		Actual unit mode SRC 15
VpacRC.SRC_UnitState(16)	R,4	-	142	348	554	760	966		Actual unit mode SRC 16
VpacRC.SRC_UnitState(17)	R,4	-	143	349	555	761	967		Actual unit mode SRC 17
VpacRC.SRC_UnitState(18)	R,4	-	144	350	556	762	968		Actual unit mode SRC 18
VpacRC.SRC_UnitState(19)	R,4	-	145	351	557	763	969		Actual unit mode SRC 19
VpacRC.SRC_UnitState(20)	R,4	-	146	352	558	764	970		Actual unit mode SRC 20
VpacRC.SRC_UnitState(21)	R,4	-	147	353	559	765	971		Actual unit mode SRC 21
VpacRC.SRC_UnitState(22)	R,4	-	148	354	560	766	972		Actual unit mode SRC 22
VpacRC.SRC_UnitState(23)	R,4	-	149	355	561	767	973		Actual unit mode SRC 23
VpacRC.SRC_UnitState(24)	R,4	-	150	356	562	768	974		Actual unit mode SRC 24
VpacRC.SRC_UnitState(25)	R,4	-	151	357	563	769	975		Actual unit mode SRC 25
VpacRC.SRC_UnitState(26)	R,4	-	152	358	564	770	976		Actual unit mode SRC 26
VpacRC.SRC_AirflowTotal(1)	R,4	-	153	359	565	771	977		Actual airflow (l/s) SRC 1
VpacRC.SRC_AirflowTotal(2)	R,4	-	154	360	566	772	978		Actual airflow (l/s) SRC 2
VpacRC.SRC_AirflowTotal(3)	R,4	-	155	361	567	773	979		Actual airflow (l/s) SRC 3
VpacRC.SRC_AirflowTotal(4)	R,4	-	156	362	568	774	980		Actual airflow (l/s) SRC 4
VpacRC.SRC_AirflowTotal(5)	R,4	-	157	363	569	775	981		Actual airflow (l/s) SRC 5
VpacRC.SRC_AirflowTotal(6)	R,4	-	158	364	570	776	982		Actual airflow (l/s) SRC 6
VpacRC.SRC_AirflowTotal(7)	R,4	-	159	365	571	777	983		Actual airflow (l/s) SRC 7
VpacRC.SRC_AirflowTotal(8)	R,4	-	160	366	572	778	984		Actual airflow (l/s) SRC 8
VpacRC.SRC_AirflowTotal(9)	R,4	-	161	367	573	779	985		Actual airflow (l/s) SRC 9
VpacRC.SRC_AirflowTotal(10)	R,4	-	162	368	574	780	986		Actual airflow (l/s) SRC 10
VpacRC.SRC_AirflowTotal(11)	R,4	-	163	369	575	781	987		Actual airflow (l/s) SRC 11
VpacRC.SRC_AirflowTotal(12)	R,4	-	164	370	576	782	988		Actual airflow (l/s) SRC 12
VpacRC.SRC_AirflowTotal(13)	R,4	-	165	371	577	783	989		Actual airflow (l/s) SRC 13
VpacRC.SRC_AirflowTotal(14)	R,4	-	166	372	578	784	990		Actual airflow (l/s) SRC 14
VpacRC.SRC_AirflowTotal(15)	R,4	-	167	373	579	785	991		Actual airflow (l/s) SRC 15
VpacRC.SRC_AirflowTotal(16)	R,4	-	168	374	580	786	992		Actual airflow (l/s) SRC 16
VpacRC.SRC_AirflowTotal(17)	R,4	-	169	375	581	787	993		Actual airflow (l/s) SRC 17
VpacRC.SRC_AirflowTotal(18)	R,4	-	170	376	582	788	994		Actual airflow (l/s) SRC 18
VpacRC.SRC_AirflowTotal(19)	R,4	-	171	377	583	789	995		Actual airflow (l/s) SRC 19
VpacRC.SRC_AirflowTotal(20)	R,4	-	172	378	584	790	996		Actual airflow (l/s) SRC 20
VpacRC.SRC_AirflowTotal(21)	R,4	-	173	379	585	791	997		Actual airflow (l/s) SRC 21
VpacRC.SRC_AirflowTotal(22)	R,4	-	174	380	586	792	998		Actual airflow (l/s) SRC 22
VpacRC.SRC_AirflowTotal(23)	R,4	-	175	381	587	793	999		Actual airflow (l/s) SRC 23
VpacRC.SRC_AirflowTotal(24)	R,4	-	176	382	588	794	1000		Actual airflow (l/s) SRC 24
VpacRC.SRC_AirflowTotal(25)	R,4	-	177	383	589	795	1001		Actual airflow (l/s) SRC 25
VpacRC.SRC_AirflowTotal(26)	R,4	-	178	384	590	796	1002		Actual airflow (l/s) SRC 26

EXOline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRC.SRC_DamperOutput(1)	R,4	-	179	385	591	797	1003		Damper Position (%) SRC 1
VpacRC.SRC_DamperOutput(2)	R,4	-	180	386	592	798	1004		Damper Position (%) SRC 2
VpacRC.SRC_DamperOutput(3)	R,4	-	181	387	593	799	1005		Damper Position (%) SRC 3
VpacRC.SRC_DamperOutput(4)	R,4	-	182	388	594	800	1006		Damper Position (%) SRC 4
VpacRC.SRC_DamperOutput(5)	R,4	-	183	389	595	801	1007		Damper Position (%) SRC 5
VpacRC.SRC_DamperOutput(6)	R,4	-	184	390	596	802	1008		Damper Position (%) SRC 6
VpacRC.SRC_DamperOutput(7)	R,4	-	185	391	597	803	1009		Damper Position (%) SRC 7
VpacRC.SRC_DamperOutput(8)	R,4	-	186	392	598	804	1010		Damper Position (%) SRC 8
VpacRC.SRC_DamperOutput(9)	R,4	-	187	393	599	805	1011		Damper Position (%) SRC 9
VpacRC.SRC_DamperOutput(10)	R,4	-	188	394	600	806	1012		Damper Position (%) SRC 10
VpacRC.SRC_DamperOutput(11)	R,4	-	189	395	601	807	1013		Damper Position (%) SRC 11
VpacRC.SRC_DamperOutput(12)	R,4	-	190	396	602	808	1014		Damper Position (%) SRC 12
VpacRC.SRC_DamperOutput(13)	R,4	-	191	397	603	809	1015		Damper Position (%) SRC 13
VpacRC.SRC_DamperOutput(14)	R,4	-	192	398	604	810	1016		Damper Position (%) SRC 14
VpacRC.SRC_DamperOutput(15)	R,4	-	193	399	605	811	1017		Damper Position (%) SRC 15
VpacRC.SRC_DamperOutput(16)	R,4	-	194	400	606	812	1018		Damper Position (%) SRC 16
VpacRC.SRC_DamperOutput(17)	R,4	-	195	401	607	813	1019		Damper Position (%) SRC 17
VpacRC.SRC_DamperOutput(18)	R,4	-	196	402	608	814	1020		Damper Position (%) SRC 18
VpacRC.SRC_DamperOutput(19)	R,4	-	197	403	609	815	1021		Damper Position (%) SRC 19
VpacRC.SRC_DamperOutput(20)	R,4	-	198	404	610	816	1022		Damper Position (%) SRC 20
VpacRC.SRC_DamperOutput(21)	R,4	-	199	405	611	817	1023		Damper Position (%) SRC 21
VpacRC.SRC_DamperOutput(22)	R,4	-	200	406	612	818	1024		Damper Position (%) SRC 22
VpacRC.SRC_DamperOutput(23)	R,4	-	201	407	613	819	1025		Damper Position (%) SRC 23
VpacRC.SRC_DamperOutput(24)	R,4	-	202	408	614	820	1026		Damper Position (%) SRC 24
VpacRC.SRC_DamperOutput(25)	R,4	-	203	409	615	821	1027		Damper Position (%) SRC 25
VpacRC.SRC_DamperOutput(26)	R,4	-	204	410	616	822	1028		Damper Position (%) SRC 26
VpacRC.ERC_DamperOutput(1)	R,4	-	205	411	617	823	1029		Damper Position (%) ERC 1
VpacRC.ERC_DamperOutput(2)	R,4	-	206	412	618	824	1030		Damper Position (%) ERC 2
VpacRC.ERC_DamperOutput(3)	R,4	-	207	413	619	825	1031		Damper Position (%) ERC 3
VpacRC.ERC_DamperOutput(4)	R,4	-	208	414	620	826	1032		Damper Position (%) ERC 4
VpacRC.ERC_DamperOutput(5)	R,4	-	209	415	621	827	1033		Damper Position (%) ERC 5
VpacRC.ERC_DamperOutput(6)	R,4	-	210	416	622	828	1034		Damper Position (%) ERC 6
VpacRC.ERC_DamperOutput(7)	R,4	-	211	417	623	829	1035		Damper Position (%) ERC 7
VpacRC.ERC_DamperOutput(8)	R,4	-	212	418	624	830	1036		Damper Position (%) ERC 8
VpacRC.ERC_AirflowCalc(1)	R,4	-	213	419	625	831	1037		Actual airflow (l/s) ERC 1
VpacRC.ERC_AirflowCalc(2)	R,4	-	214	420	626	832	1038		Actual airflow (l/s) ERC 2
VpacRC.ERC_AirflowCalc(3)	R,4	-	215	421	627	833	1039		Actual airflow (l/s) ERC 3
VpacRC.ERC_AirflowCalc(4)	R,4	-	216	422	628	834	1040		Actual airflow (l/s) ERC 4
VpacRC.ERC_AirflowCalc(5)	R,4	-	217	423	629	835	1041		Actual airflow (l/s) ERC 5
VpacRC.ERC_AirflowCalc(6)	R,4	-	218	424	630	836	1042		Actual airflow (l/s) ERC 6
VpacRC.ERC_AirflowCalc(7)	R,4	-	219	425	631	837	1043		Actual airflow (l/s) ERC 7
VpacRC.ERC_AirflowCalc(8)	R,4	-	220	426	632	838	1044		Actual airflow (l/s) ERC 8

EXOnline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
AlaData.CommAlarmSRC1_Status	X,4	-	221	427	633	839	1045		Comm. Error SRC1 0=Not used 1=Normal 2=Blocked 3=Acknowledge 4=Not used 5=Cancelled 6=Not used 7=Alarm
AlaData.CommAlarmSRC2_Status	X,4	-	222	428	634	840	1046		Comm. Error SRC2
AlaData.CommAlarmSRC3_Status	X,4	-	223	429	635	841	1047		Comm. Error SRC3
AlaData.CommAlarmSRC4_Status	X,4	-	224	430	636	842	1048		Comm. Error SRC4
AlaData.CommAlarmSRC5_Status	X,4	-	225	431	637	843	1049		Comm. Error SRC5
AlaData.CommAlarmSRC6_Status	X,4	-	226	432	638	844	1050		Comm. Error SRC6
AlaData.CommAlarmSRC7_Status	X,4	-	227	433	639	845	1051		Comm. Error SRC7
AlaData.CommAlarmSRC8_Status	X,4	-	228	434	640	846	1052		Comm. Error SRC8
AlaData.CommAlarmSRC9_Status	X,4	-	229	435	641	847	1053		Comm. Error SRC9
AlaData.CommAlarmSRC10_Status	X,4	-	230	436	642	848	1054		Comm. Error SRC10
AlaData.CommAlarmSRC11_Status	X,4	-	231	437	643	849	1055		Comm. Error SRC11
AlaData.CommAlarmSRC12_Status	X,4	-	232	438	644	850	1056		Comm. Error SRC12
AlaData.CommAlarmSRC13_Status	X,4	-	233	439	645	851	1057		Comm. Error SRC13
AlaData.CommAlarmSRC14_Status	X,4	-	234	440	646	852	1058		Comm. Error SRC14
AlaData.CommAlarmSRC15_Status	X,4	-	235	441	647	853	1059		Comm. Error SRC15
AlaData.CommAlarmSRC16_Status	X,4	-	236	442	648	854	1060		Comm. Error SRC16
AlaData.CommAlarmSRC17_Status	X,4	-	237	443	649	855	1061		Comm. Error SRC17
AlaData.CommAlarmSRC18_Status	X,4	-	238	444	650	856	1062		Comm. Error SRC18
AlaData.CommAlarmSRC19_Status	X,4	-	239	445	651	857	1063		Comm. Error SRC19
AlaData.CommAlarmSRC20_Status	X,4	-	240	446	652	858	1064		Comm. Error SRC20
AlaData.CommAlarmSRC21_Status	X,4	-	241	447	653	859	1065		Comm. Error SRC21
AlaData.CommAlarmSRC22_Status	X,4	-	242	448	654	860	1066		Comm. Error SRC22
AlaData.CommAlarmSRC23_Status	X,4	-	243	449	655	861	1067		Comm. Error SRC23
AlaData.CommAlarmSRC24_Status	X,4	-	244	450	656	862	1068		Comm. Error SRC24
AlaData.CommAlarmSRC25_Status	X,4	-	245	451	657	863	1069		Comm. Error SRC25
AlaData.CommAlarmSRC26_Status	X,4	-	246	452	658	864	1070		Comm. Error SRC26
AlaData.CommAlarmERC1_Status	X,4	-	247	453	659	865	1071		Comm. Error ERC1
AlaData.CommAlarmERC2_Status	X,4	-	248	454	660	866	1072		Comm. Error ERC2
AlaData.CommAlarmERC3_Status	X,4	-	249	455	661	867	1073		Comm. Error ERC3
AlaData.CommAlarmERC4_Status	X,4	-	250	456	662	868	1074		Comm. Error ERC4
AlaData.CommAlarmERC5_Status	X,4	-	251	457	663	869	1075		Comm. Error ERC5
AlaData.CommAlarmERC6_Status	X,4	-	252	458	664	870	1076		Comm. Error ERC6
AlaData.CommAlarmERC7_Status	X,4	-	253	459	665	871	1077		Comm. Error ERC7
AlaData.CommAlarmERC8_Status	X,4	-	254	460	666	872	1078		Comm. Error ERC8

EXOline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
AlaData.DamperErrorSRC1_Status	X,4	-	255	461	667	873	1079		Damper error SRC 1
AlaData.DamperErrorSRC2_Status	X,4	-	256	462	668	874	1080		Damper error SRC 2
AlaData.DamperErrorSRC3_Status	X,4	-	257	463	669	875	1081		Damper error SRC 3
AlaData.DamperErrorSRC4_Status	X,4	-	258	464	670	876	1082		Damper error SRC 4
AlaData.DamperErrorSRC5_Status	X,4	-	259	465	671	877	1083		Damper error SRC 5
AlaData.DamperErrorSRC6_Status	X,4	-	260	466	672	878	1084		Damper error SRC 6
AlaData.DamperErrorSRC7_Status	X,4	-	261	467	673	879	1085		Damper error SRC 7
AlaData.DamperErrorSRC8_Status	X,4	-	262	468	674	880	1086		Damper error SRC 8
AlaData.DamperErrorSRC9_Status	X,4	-	263	469	675	881	1087		Damper error SRC 9
AlaData.DamperErrorSRC10_Status	X,4	-	264	470	676	882	1088		Damper error SRC 10
AlaData.DamperErrorSRC11_Status	X,4	-	265	471	677	883	1089		Damper error SRC 11
AlaData.DamperErrorSRC12_Status	X,4	-	266	472	678	884	1090		Damper error SRC 12
AlaData.DamperErrorSRC13_Status	X,4	-	267	473	679	885	1091		Damper error SRC 13
AlaData.DamperErrorSRC14_Status	X,4	-	268	474	680	886	1092		Damper error SRC 14
AlaData.DamperErrorSRC15_Status	X,4	-	269	475	681	887	1093		Damper error SRC 15
AlaData.DamperErrorSRC16_Status	X,4	-	270	476	682	888	1094		Damper error SRC 16
AlaData.DamperErrorSRC17_Status	X,4	-	271	477	683	889	1095		Damper error SRC 17
AlaData.DamperErrorSRC18_Status	X,4	-	272	478	684	890	1096		Damper error SRC 18
AlaData.DamperErrorSRC19_Status	X,4	-	273	479	685	891	1097		Damper error SRC 19
AlaData.DamperErrorSRC20_Status	X,4	-	274	480	686	892	1098		Damper error SRC 20
AlaData.DamperErrorSRC21_Status	X,4	-	275	481	687	893	1099		Damper error SRC 21
AlaData.DamperErrorSRC22_Status	X,4	-	276	482	688	894	1100		Damper error SRC 22
AlaData.DamperErrorSRC23_Status	X,4	-	277	483	689	895	1101		Damper error SRC 23
AlaData.DamperErrorSRC24_Status	X,4	-	278	484	690	896	1102		Damper error SRC 24
AlaData.DamperErrorSRC25_Status	X,4	-	279	485	691	897	1103		Damper error SRC 25
AlaData.DamperErrorSRC26_Status	X,4	-	280	486	692	898	1104		Damper error SRC 26

EXOline / Modbus Signals

Input Register

Input Register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRC.SRC_RegioRoomCO2(1)	R,4	-	281	487	693	899	1105		Actual room CO2 SRC 1
VpacRC.SRC_RegioRoomCO2(2)	R,4	-	282	488	694	900	1106		Actual room CO2 SRC 2
VpacRC.SRC_RegioRoomCO2(3)	R,4	-	283	489	695	901	1107		Actual room CO2 SRC 3
VpacRC.SRC_RegioRoomCO2(4)	R,4	-	284	490	696	902	1108		Actual room CO2 SRC 4
VpacRC.SRC_RegioRoomCO2(5)	R,4	-	285	491	697	903	1109		Actual room CO2 SRC 5
VpacRC.SRC_RegioRoomCO2(6)	R,4	-	286	492	698	904	1110		Actual room CO2 SRC 6
VpacRC.SRC_RegioRoomCO2(7)	R,4	-	287	493	699	905	1111		Actual room CO2 SRC 7
VpacRC.SRC_RegioRoomCO2(8)	R,4	-	288	494	700	906	1112		Actual room CO2 SRC 8
VpacRC.SRC_RegioRoomCO2(9)	R,4	-	289	495	701	907	1113		Actual room CO2 SRC 9
VpacRC.SRC_RegioRoomCO2(10)	R,4	-	290	496	702	908	1114		Actual room CO2 SRC 10
VpacRC.SRC_RegioRoomCO2(11)	R,4		291	497	703	909	1115		Actual room CO2 SRC 11
VpacRC.SRC_RegioRoomCO2(12)	R,4	-	292	498	704	910	1116		Actual room CO2 SRC 12
VpacRC.SRC_RegioRoomCO2(13)	R,4	-	293	499	705	911	1117		Actual room CO2 SRC 13
VpacRC.SRC_RegioRoomCO2(14)	R,4	-	294	500	706	912	1118		Actual room CO2 SRC 14
VpacRC.SRC_RegioRoomCO2(15)	R,4	-	295	501	707	913	1119		Actual room CO2 SRC 15
VpacRC.SRC_RegioRoomCO2(16)	R,4	-	296	502	708	914	1120		Actual room CO2 SRC 16
VpacRC.SRC_RegioRoomCO2(17)	R,4	-	297	503	709	915	1121		Actual room CO2 SRC 17
VpacRC.SRC_RegioRoomCO2(18)	R,4	-	298	504	710	916	1122		Actual room CO2 SRC 18
VpacRC.SRC_RegioRoomCO2(19)	R,4	-	299	505	711	917	1123		Actual room CO2 SRC 19
VpacRC.SRC_RegioRoomCO2(20)	R,4	-	300	506	712	918	1124		Actual room CO2 SRC 20
VpacRC.SRC_RegioRoomCO2(21)	R,4	-	301	507	713	919	1125		Actual room CO2 SRC 21
VpacRC.SRC_RegioRoomCO2(22)	R,4	-	302	508	714	920	1126		Actual room CO2 SRC 22
VpacRC.SRC_RegioRoomCO2(23)	R,4	-	303	509	715	921	1127		Actual room CO2 SRC 23
VpacRC.SRC_RegioRoomCO2(24)	R,4	-	304	510	716	922	1128		Actual room CO2 SRC 24
VpacRC.SRC_RegioRoomCO2(25)	R,4	-	305	511	717	923	1129		Actual room CO2 SRC 25
VpacRC.SRC_RegioRoomCO2(26)	R,4	-	306	512	718	924	1130		Actual room CO2 SRC 26

EXOline / Modbus Signals

Holding Register

Holding register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRM.SRC_DamperPosSetpoint	R,3	1	-	-	-	-	-	85 %	SAF setpoint
VpacRM.ERC_DamperPosSetpoint	R,3	2	-	-	-	-	-	85 %	EAF setpoint
VpacRM.SAFpressure_SetP	R,3	3	-	-	-	-	-	200 Pa	Pressure control SAF setpoint (Pa)
VpacRM.EAFpressure_SetP	R,3	4	-	-	-	-	-	200 Pa	Pressure control EAF setpoint (Pa)
VpacRM.SAF_ManSet	R,3	5	-	-	-	-	-	25 %	SAF speed if power failure
VpacRM.EAF_ManSet	R,3	6	-	-	-	-	-	25 %	EAF speed if power failure
VpacRM.SAF_PGain	R,3	7	-	-	-	-	-	20	SAF P-band
VpacRM.EAF_PGain	R,3	8	-	-	-	-	-	20	EAF P-band
VpacRM.SAFpressure_PGain	R,3	9	-	-	-	-	-	500	Pressure control SAF P-band
VpacRM.EAFpressure_PGain	R,3	10	-	-	-	-	-	500	Pressure control EAF P-band
VpacRM.SAF_ITime	R,3	11	-	-	-	-	-	120 s	SAF I-time
VpacRM.EAF_ITime	R,3	12	-	-	-	-	-	120 s	EAF I-time
VpacRM.SAFpressure_ITime	R,3	13	-	-	-	-	-	30 s	Pressure control SAF I-time
VpacRM.EAFpressure_ITime	R,3	14	-	-	-	-	-	30 s	Pressure control EAF I-time
VpacRM.LRM_NightCoolSetP	R,3	15	-	-	-	-	-	17 °C	Night Cooling setpoint
VpacRM.NightCoolOffDelay	R,3	16	-	-	-	-	-	0 min	Night Cooling off delay
StdObjs1.SAFCtrl_MinOutput	R,3	17	-	-	-	-	-	0 %	SAF Min output
StdObjs1.SAFCtrl_MaxOutput	R,3	18	-	-	-	-	-	100 %	SAF Max output
StdObjs1.EAFCtrl_MinOutput	R,3	19	-	-	-	-	-	0 %	EAF Min output
StdObjs1.EAFCtrl_MaxOutput	R,3	20	-	-	-	-	-	100 %	EAF Max output
StdObjs1.SAFpressureCtrl_MinOutput	R,3	21	-	-	-	-	-	0 %	Pressure contr. SAF Min output
StdObjs1.SAFpressureCtrl_MaxOutput	R,3	22	-	-	-	-	-	100 %	Pressure contr. SAF Max output
StdObjs1.EAFpressureCtrl_MinOutput	R,3	23	-	-	-	-	-	0 %	Pressure contr. EAF Min output
StdObjs1.EAFpressureCtrl_MaxOutput	R,3	24	-	-	-	-	-	100 %	Pressure contr. EAF Max output
VpacRM.SAF_Min	R,3	25	-	-	-	-	-	0 %	SAF Min output (AO1)
VpacRM.SAF_Max	R,3	26	-	-	-	-	-	100 %	SAF Max output (AO1)
VpacRM.EAF_Min	R,3	27	-	-	-	-	-	0 %	EAF Min output (AO2)
VpacRM.EAF_Max	R,3	28	-	-	-	-	-	100 %	EAF Max output (AO2)
VpacRC.SRC_RoomNo(1)	I,3	-	51	221	391	561	731	1	Room number SRC 1
VpacRC.SRC_RoomNo(2)	I,3	-	52	222	392	562	732	2	Room number SRC 2
VpacRC.SRC_RoomNo(3)	I,3	-	53	223	393	563	733	3	Room number SRC 3
VpacRC.SRC_RoomNo(4)	I,3	-	54	224	394	564	734	4	Room number SRC 4
VpacRC.SRC_RoomNo(5)	I,3	-	55	225	395	565	735	5	Room number SRC 5
VpacRC.SRC_RoomNo(6)	I,3	-	56	226	396	566	736	6	Room number SRC 6
VpacRC.SRC_RoomNo(7)	I,3	-	57	227	397	567	737	7	Room number SRC 7

EXOline / Modbus Signals

Holding Register

Holding register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRC.SRC_RoomNo(8)	I,3	-	58	228	398	568	738	8	Room number SRC 8
VpacRC.SRC_RoomNo(9)	I,3	-	59	229	399	569	739	9	Room number SRC 9
VpacRC.SRC_RoomNo(10)	I,3	-	60	230	400	570	740	10	Room number SRC 10
VpacRC.SRC_RoomNo(11)	I,3	-	61	231	401	571	741	11	Room number SRC 11
VpacRC.SRC_RoomNo(12)	I,3	-	62	232	402	572	742	12	Room number SRC 12
VpacRC.SRC_RoomNo(13)	I,3	-	63	233	403	573	743	13	Room number SRC 13
VpacRC.SRC_RoomNo(14)	I,3	-	64	234	404	574	744	14	Room number SRC 14
VpacRC.SRC_RoomNo(15)	I,3	-	65	235	405	575	745	15	Room number SRC 15
VpacRC.SRC_RoomNo(16)	I,3	-	66	236	406	576	746	16	Room number SRC 16
VpacRC.SRC_RoomNo(17)	I,3	-	67	237	407	577	747	17	Room number SRC 17
VpacRC.SRC_RoomNo(18)	I,3	-	68	238	408	578	748	18	Room number SRC 18
VpacRC.SRC_RoomNo(19)	I,3	-	69	239	409	579	749	19	Room number SRC 19
VpacRC.SRC_RoomNo(20)	I,3	-	70	240	410	580	750	20	Room number SRC 20
VpacRC.SRC_RoomNo(21)	I,3	-	71	241	411	581	751	21	Room number SRC 21
VpacRC.SRC_RoomNo(22)	I,3	-	72	242	412	582	752	22	Room number SRC 22
VpacRC.SRC_RoomNo(23)	I,3	-	73	243	413	583	753	23	Room number SRC 23
VpacRC.SRC_RoomNo(24)	I,3	-	74	244	414	584	754	24	Room number SRC 24
VpacRC.SRC_RoomNo(25)	I,3	-	75	245	415	585	755	25	Room number SRC 25
VpacRC.SRC_RoomNo(26)	I,3	-	76	246	416	586	756	26	Room number SRC 26
VpacRC.ERC_RoomNo(1)	I,3	-	77	247	417	587	757	1	Room number ERC 1
VpacRC.ERC_RoomNo(2)	I,3	-	78	248	418	588	758	2	Room number ERC 2
VpacRC.ERC_RoomNo(3)	I,3	-	79	249	419	589	759	3	Room number ERC 3
VpacRC.ERC_RoomNo(4)	I,3	-	80	250	420	590	760	4	Room number ERC 4
VpacRC.ERC_RoomNo(5)	I,3	-	81	251	421	591	761	5	Room number ERC 5
VpacRC.ERC_RoomNo(6)	I,3	-	82	252	422	592	762	6	Room number ERC 6
VpacRC.ERC_RoomNo(7)	I,3	-	83	253	423	593	763	7	Room number ERC 7
VpacRC.ERC_RoomNo(8)	I,3	-	84	254	424	594	764	8	Room number ERC 8
VpacRC.SRC_RemoteState(1)	X,3	-	85	255	425	595	765	3	Remote state SRC 1 0=Off 1=Unoccupied 2=Stand-by 3=Occupied 4=Bypass 5=No remote control
VpacRC.SRC_RemoteState(2)	X,3	-	86	256	426	596	766	3	Remote state SRC 2
VpacRC.SRC_RemoteState(3)	X,3	-	87	257	427	597	767	3	Remote state SRC 3
VpacRC.SRC_RemoteState(4)	X,3	-	88	258	428	598	768	3	Remote state SRC 4
VpacRC.SRC_RemoteState(5)	X,3	-	89	259	429	599	769	3	Remote state SRC 5
VpacRC.SRC_RemoteState(6)	X,3	-	90	260	430	600	770	3	Remote state SRC 6
VpacRC.SRC_RemoteState(7)	X,3	-	91	261	431	601	771	3	Remote state SRC 7
VpacRC.SRC_RemoteState(8)	X,3	-	92	262	432	602	772	3	Remote state SRC 8
VpacRC.SRC_RemoteState(9)	X,3	-	93	263	433	603	773	3	Remote state SRC 9
VpacRC.SRC_RemoteState(10)	X,3	-	94	264	434	604	774	3	Remote state SRC 10
VpacRC.SRC_RemoteState(11)	X,3	-	95	265	435	605	775	3	Remote state SRC 11
VpacRC.SRC_RemoteState(12)	X,3	-	96	266	436	606	776	3	Remote state SRC 12
VpacRC.SRC_RemoteState(13)	X,3	-	97	267	437	607	777	3	Remote state SRC 13

EXOline / Modbus Signals

Holding Register

Holding register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRC.SRC_RemoteState(14)	X,3	-	98	268	438	608	778	3	Remote state SRC 14
VpacRC.SRC_RemoteState(15)	X,3	-	99	269	439	609	779	3	Remote state SRC 15
VpacRC.SRC_RemoteState(16)	X,3	-	100	270	440	610	780	3	Remote state SRC 16
VpacRC.SRC_RemoteState(17)	X,3	-	101	271	441	611	781	3	Remote state SRC 17
VpacRC.SRC_RemoteState(18)	X,3	-	102	272	442	612	782	3	Remote state SRC 18
VpacRC.SRC_RemoteState(19)	X,3	-	103	273	443	613	783	3	Remote state SRC 19
VpacRC.SRC_RemoteState(20)	X,3	-	104	274	444	614	784	3	Remote state SRC 20
VpacRC.SRC_RemoteState(21)	X,3	-	105	275	445	615	785	3	Remote state SRC 21
VpacRC.SRC_RemoteState(22)	X,3	-	106	276	446	616	786	3	Remote state SRC 22
VpacRC.SRC_RemoteState(23)	X,3	-	107	277	447	617	787	3	Remote state SRC 23
VpacRC.SRC_RemoteState(24)	X,3	-	108	278	448	618	788	3	Remote state SRC 24
VpacRC.SRC_RemoteState(25)	X,3	-	109	279	449	619	789	3	Remote state SRC 25
VpacRC.SRC_RemoteState(26)	X,3	-	110	280	450	620	790	3	Remote state SRC 26
VpacRC.SRC_SetPOffset(1)	R,3	-	111	281	451	621	791	0 °C	Setpoint adjustment SRC 1
VpacRC.SRC_SetPOffset(2)	R,3	-	112	282	452	622	792	0 °C	Setpoint adjustment SRC 2
VpacRC.SRC_SetPOffset(3)	R,3	-	113	283	453	623	793	0 °C	Setpoint adjustment SRC 3
VpacRC.SRC_SetPOffset(4)	R,3	-	114	284	454	624	794	0 °C	Setpoint adjustment SRC 4
VpacRC.SRC_SetPOffset(5)	R,3	-	115	285	455	625	795	0 °C	Setpoint adjustment SRC 5
VpacRC.SRC_SetPOffset(6)	R,3	-	116	286	456	626	796	0 °C	Setpoint adjustment SRC 6
VpacRC.SRC_SetPOffset(7)	R,3	-	117	287	457	627	797	0 °C	Setpoint adjustment SRC 7
VpacRC.SRC_SetPOffset(8)	R,3	-	118	288	458	628	798	0 °C	Setpoint adjustment SRC 8
VpacRC.SRC_SetPOffset(9)	R,3	-	119	289	459	629	799	0 °C	Setpoint adjustment SRC 9
VpacRC.SRC_SetPOffset(10)	R,3	-	120	290	460	630	800	0 °C	Setpoint adjustment SRC 10
VpacRC.SRC_SetPOffset(11)	R,3	-	121	291	461	631	801	0 °C	Setpoint adjustment SRC 11
VpacRC.SRC_SetPOffset(12)	R,3	-	122	292	462	632	802	0 °C	Setpoint adjustment SRC 12
VpacRC.SRC_SetPOffset(13)	R,3	-	123	293	463	633	803	0 °C	Setpoint adjustment SRC 13
VpacRC.SRC_SetPOffset(14)	R,3	-	124	294	464	634	804	0 °C	Setpoint adjustment SRC 14
VpacRC.SRC_SetPOffset(15)	R,3	-	125	295	465	635	805	0 °C	Setpoint adjustment SRC 15
VpacRC.SRC_SetPOffset(16)	R,3	-	126	296	466	636	806	0 °C	Setpoint adjustment SRC 16
VpacRC.SRC_SetPOffset(17)	R,3	-	127	297	467	637	807	0 °C	Setpoint adjustment SRC 17
VpacRC.SRC_SetPOffset(18)	R,3	-	128	298	468	638	808	0 °C	Setpoint adjustment SRC 18
VpacRC.SRC_SetPOffset(19)	R,3	-	129	299	469	639	809	0 °C	Setpoint adjustment SRC 19
VpacRC.SRC_SetPOffset(20)	R,3	-	130	300	470	640	810	0 °C	Setpoint adjustment SRC 20
VpacRC.SRC_SetPOffset(21)	R,3	-	131	301	471	641	811	0 °C	Setpoint adjustment SRC 21
VpacRC.SRC_SetPOffset(22)	R,3	-	132	302	472	642	812	0 °C	Setpoint adjustment SRC 22
VpacRC.SRC_SetPOffset(23)	R,3	-	133	303	473	643	813	0 °C	Setpoint adjustment SRC 23
VpacRC.SRC_SetPOffset(24)	R,3	-	134	304	474	644	814	0 °C	Setpoint adjustment SRC 24
VpacRC.SRC_SetPOffset(25)	R,3	-	135	305	475	645	815	0 °C	Setpoint adjustment SRC 25
VpacRC.SRC_SetPOffset(26)	R,3	-	136	306	476	646	816	0 °C	Setpoint adjustment SRC 26

EXOline / Modbus Signals

Holding Register

Holding register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRC.SRC_OccSetPHeat(1)	R,3	-	137	307	477	647	817	21 °C	Occupied Heat Setpoint SRC 1
VpacRC.SRC_OccSetPHeat(2)	R,3	-	138	308	478	648	818	21 °C	Occupied Heat Setpoint SRC 2
VpacRC.SRC_OccSetPHeat(3)	R,3	-	139	309	479	649	819	21 °C	Occupied Heat Setpoint SRC 3
VpacRC.SRC_OccSetPHeat(4)	R,3	-	140	310	480	650	820	21 °C	Occupied Heat Setpoint SRC 4
VpacRC.SRC_OccSetPHeat(5)	R,3	-	141	311	481	651	821	21 °C	Occupied Heat Setpoint SRC 5
VpacRC.SRC_OccSetPHeat(6)	R,3	-	142	312	482	652	822	21 °C	Occupied Heat Setpoint SRC 6
VpacRC.SRC_OccSetPHeat(7)	R,3	-	143	313	483	653	823	21 °C	Occupied Heat Setpoint SRC 7
VpacRC.SRC_OccSetPHeat(8)	R,3	-	144	314	484	654	824	21 °C	Occupied Heat Setpoint SRC 8
VpacRC.SRC_OccSetPHeat(9)	R,3	-	145	315	485	655	825	21 °C	Occupied Heat Setpoint SRC 9
VpacRC.SRC_OccSetPHeat(10)	R,3	-	146	316	486	656	826	21 °C	Occupied Heat Setpoint SRC 10
VpacRC.SRC_OccSetPHeat(11)	R,3	-	147	317	487	657	827	21 °C	Occupied Heat Setpoint SRC 11
VpacRC.SRC_OccSetPHeat(12)	R,3	-	148	318	488	658	828	21 °C	Occupied Heat Setpoint SRC 12
VpacRC.SRC_OccSetPHeat(13)	R,3	-	149	319	489	659	829	21 °C	Occupied Heat Setpoint SRC 13
VpacRC.SRC_OccSetPHeat(14)	R,3	-	150	320	490	660	830	21 °C	Occupied Heat Setpoint SRC 14
VpacRC.SRC_OccSetPHeat(15)	R,3	-	151	321	491	661	831	21 °C	Occupied Heat Setpoint SRC 15
VpacRC.SRC_OccSetPHeat(16)	R,3	-	152	322	492	662	832	21 °C	Occupied Heat Setpoint SRC 16
VpacRC.SRC_OccSetPHeat(17)	R,3	-	153	323	493	663	833	21 °C	Occupied Heat Setpoint SRC 17
VpacRC.SRC_OccSetPHeat(18)	R,3	-	154	324	494	664	834	21 °C	Occupied Heat Setpoint SRC 18
VpacRC.SRC_OccSetPHeat(19)	R,3	-	155	325	495	665	835	21 °C	Occupied Heat Setpoint SRC 19
VpacRC.SRC_OccSetPHeat(20)	R,3	-	156	326	496	666	836	21 °C	Occupied Heat Setpoint SRC 20
VpacRC.SRC_OccSetPHeat(21)	R,3	-	157	327	497	667	837	21 °C	Occupied Heat Setpoint SRC 21
VpacRC.SRC_OccSetPHeat(22)	R,3	-	158	328	498	668	838	21 °C	Occupied Heat Setpoint SRC 22
VpacRC.SRC_OccSetPHeat(23)	R,3	-	159	329	499	669	839	21 °C	Occupied Heat Setpoint SRC 23
VpacRC.SRC_OccSetPHeat(24)	R,3	-	160	330	500	670	840	21 °C	Occupied Heat Setpoint SRC 24
VpacRC.SRC_OccSetPHeat(25)	R,3	-	161	331	501	671	841	21 °C	Occupied Heat Setpoint SRC 25
VpacRC.SRC_OccSetPHeat(26)	R,3	-	162	332	502	672	842	21 °C	Occupied Heat Setpoint SRC 26

EXOline / Modbus Signals

Holding Register

Holding register Signal name	Type	Modbus address						Default value	Description
		GRM/ SRM	SRM/ LRM1	LRM2	LRM3	LRM4	LRM5		
VpacRC.SRC_OccSetPCool(1)	R,3	-	163	333	503	673	843	22 °C	Occupied Cool Setpoint SRC 1
VpacRC.SRC_OccSetPCool(2)	R,3	-	164	334	504	674	844	22 °C	Occupied Cool Setpoint SRC 2
VpacRC.SRC_OccSetPCool(3)	R,3	-	165	335	505	675	845	22 °C	Occupied Cool Setpoint SRC 3
VpacRC.SRC_OccSetPCool(4)	R,3	-	166	336	506	676	846	22 °C	Occupied Cool Setpoint SRC 4
VpacRC.SRC_OccSetPCool(5)	R,3	-	167	337	507	677	847	22 °C	Occupied Cool Setpoint SRC 5
VpacRC.SRC_OccSetPCool(6)	R,3	-	168	338	508	678	848	22 °C	Occupied Cool Setpoint SRC 6
VpacRC.SRC_OccSetPCool(7)	R,3	-	169	339	509	679	849	22 °C	Occupied Cool Setpoint SRC 7
VpacRC.SRC_OccSetPCool(8)	R,3	-	170	340	510	680	850	22 °C	Occupied Cool Setpoint SRC 8
VpacRC.SRC_OccSetPCool(9)	R,3	-	171	341	511	681	851	22 °C	Occupied Cool Setpoint SRC 9
VpacRC.SRC_OccSetPCool(10)	R,3	-	172	342	512	682	852	22 °C	Occupied Cool Setpoint SRC 10
VpacRC.SRC_OccSetPCool(11)	R,3	-	173	343	513	683	853	22 °C	Occupied Cool Setpoint SRC 11
VpacRC.SRC_OccSetPCool(12)	R,3	-	174	344	514	684	854	22 °C	Occupied Cool Setpoint SRC 12
VpacRC.SRC_OccSetPCool(13)	R,3	-	175	345	515	685	855	22 °C	Occupied Cool Setpoint SRC 13
VpacRC.SRC_OccSetPCool(14)	R,3	-	176	346	516	686	856	22 °C	Occupied Cool Setpoint SRC 14
VpacRC.SRC_OccSetPCool(15)	R,3	-	177	347	517	687	857	22 °C	Occupied Cool Setpoint SRC 15
VpacRC.SRC_OccSetPCool(16)	R,3	-	178	348	518	688	858	22 °C	Occupied Cool Setpoint SRC 16
VpacRC.SRC_OccSetPCool(17)	R,3	-	179	349	519	689	859	22 °C	Occupied Cool Setpoint SRC 17
VpacRC.SRC_OccSetPCool(18)	R,3	-	180	350	520	690	860	22 °C	Occupied Cool Setpoint SRC 18
VpacRC.SRC_OccSetPCool(19)	R,3	-	181	351	521	691	861	22 °C	Occupied Cool Setpoint SRC 19
VpacRC.SRC_OccSetPCool(20)	R,3	-	182	352	522	692	862	22 °C	Occupied Cool Setpoint SRC 20
VpacRC.SRC_OccSetPCool(21)	R,3	-	183	353	523	693	863	22 °C	Occupied Cool Setpoint SRC 21
VpacRC.SRC_OccSetPCool(22)	R,3	-	184	354	524	694	864	22 °C	Occupied Cool Setpoint SRC 22
VpacRC.SRC_OccSetPCool(23)	R,3	-	185	355	525	695	865	22 °C	Occupied Cool Setpoint SRC 23
VpacRC.SRC_OccSetPCool(24)	R,3	-	186	356	526	696	866	22 °C	Occupied Cool Setpoint SRC 24
VpacRC.SRC_OccSetPCool(25)	R,3	-	187	357	527	697	867	22 °C	Occupied Cool Setpoint SRC 25
VpacRC.SRC_OccSetPCool(26)	R,3	-	188	358	528	698	868	22 °C	Occupied Cool Setpoint SRC 26
Alarms.AlaAcknow	X,3	901	904	907	910	913	916	255	External alarm acknowledge by setting this signal to the alarm number that should be acknowledge.
Alarms.AlaBlock	X,3	902	905	908	911	914	917	255	External alarm blocking by setting this signal to the alarm number that should be blocked.
Alarms.AlaUnBlock	X,3	903	906	909	912	915	918	255	External alarm unblocking by setting this signal to the alarm number that should be unblocked.
QSystem.Sec	X,3	931	-	-	-	-	-	-	Real time clock: Second 0-59
QSystem.Minute	X,3	932	-	-	-	-	-	-	Real time clock: Minute 0-59
QSystem.Hour	X,3	933	-	-	-	-	-	-	Real time clock: Hour 0-23
QSystem.WDay	X,3	934	-	-	-	-	-	-	Real time clock: Day of Week 1-7, 1=Monday
QSystem.Week	X,3	935	-	-	-	-	-	-	Real time clock: Week number 1-53
QSystem.Date	X,3	936	-	-	-	-	-	-	Real time clock: Day of month 1-31

