

Register Address	Contents	Read/Write	Datablocks	HEX response	onze bevinning	PRO1-S		PRO1-ZT		PRO1-Mb			PRO1-Mod			Remarks
						LCD page	IR	LCD page	IR	LCD page	Mbus	IR	LCD page	Modbus	IR	
1000	Serial number	Read	08	signed		/	R/W	/	R/W	/	R/W	R/W	/	R/W	R/W	Modbus command line - read data (Every second digit)
1010	Meter code	Read	04	signed		/	R	/	R	/	R	R	/	R	R	
1018	Meter ID (Mbus/Modbus)	Read/write	02	signed		/	n/a	/	n/a	P27	R/W	R/W	P27	R/W	R/W	001~247 (001 default; 000 broadcast)
1020	Baud Rate	Read/write	02	signed	HEX to Dec	/	n/a	/	n/a	P28	R/W	R/W	P28	R/W	R/W	9600 (default), 4800, 2400, 1200, 600, 300
1050	Protocol Version	Read	04	signed	HEX to Float	/	R	/	R	/	R	R	/	R	R	3.2
1054	Software Version	Read	04	signed	HEX to Float	/	R	/	R	/	R	R	/	R	R	1.14
1058	Hardware Version	Read	04	signed	HEX to Float	/	R	/	R	/	R	R	/	R	R	1.01
1060	Meter Amps	Read	02	signed	HEX to Dec	/	R	/	R	/	R	R	/	R	R	45 Amps
1066	S0 output rate	Read/write	04	Float - Big Endian (ABCD)	HEX to Float	P17	R/W	P25	R/W	P25	R/W	R/W	P25	R/W	R/W	10000, 2000, 1000 (default), 100, 10, 1, 0.1, 0.01
107A	Combined Code	Read/write	02	signed	HEX to Dec		R/W	P26	R/W	P26	R/W	R/W	P26	R/W	R/W	01, 04, 05 (default), 06, 09 and 10
1510	LCD cycle time	Read/write	02	signed	HEX to Dec	P15	R/W	P23	R/W	P23	R/W	R/W	P23	R/W	R/W	0~30 (seconds, 10 seconds default)
2000	Voltage	Read	04	Float - Big Endian (ABCD)	HEX to Float	P08	R	P16	R	P16	R	R	P16	R	R	
2020	Grid Frequency	Read	04	Float - Big Endian (ABCD)	HEX to Float	P10	R	P18	R	P18	R	R	P18	R	R	
2060	Current	Read	04	Float - Big Endian (ABCD)	HEX to Float	P09	R	P17	R	P17	R	R	P17	R	R	
2080	Total Active Power	Read	04	Float - Big Endian (ABCD)	HEX to Float	P11	R	P19	R	P19	R	R	P19	R	R	
20A0	Total reactive power	Read	04	Float - Big Endian (ABCD)	HEX to Float	P12	R	P20	R	P20	R	R	P20	R	R	
20C0	Total Apparent Power	Read	04	Float - Big Endian (ABCD)	HEX to Float	P13	R	P21	R	P21	R	R	P21	R	R	
20E0	Power Factor	Read	04	Float - Big Endian (ABCD)	HEX to Float?	P14	R	P22	R	P22	R	R	P22	R	R	
2200	Tariff	Read/write	02	signed	HEX to Dec	/	n/a	/	n/a	/	R/W	R/W	/	R/W	R/W	01 (t1 saved), 02 (t2 saved), 11 (t1 not saved), 12 (t2 not saved)
3000	Total Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	P02	R	P02	R	P02	R	R	P02	R	R	
3100	T1 Total Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	/	R	/	R	R	/	R	R	
3200	T2 Total Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	/	R	/	R	R	/	R	R	
3020	Forward Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	P04	R	P04	R	P04	R	R	P04	R	R	
3120	T1 Forward Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	P08	R	P08	R	R	P08	R	R	
3220	T2 Forward Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	P12	R	P12	R	R	P12	R	R	
3040	Reverse Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	P05	R	P05	R	P05	R	R	P05	R	R	
3140	T1 Reverse Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	P09	R	P09	R	R	P09	R	R	
3240	T2 Reverse Active Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	P13	R	P13	R	R	P13	R	R	
3060	Total Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float	P03	R	P03	R	P03	R	R	P03	R	R	
3160	T1 Total Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float	/	n/a	/	R	/	R	R	/	R	R	
3260	T2 Total Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	/	R	/	R	R	/	R	R	
3080	Forward Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float	P06	R	P06	R	P06	R	R	P06	R	R	
3180	T1 Forward Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float	/	n/a	P10	R	P10	R	R	P10	R	R	
3280	T2 Forward Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	P14	R	P14	R	R	P14	R	R	
30A0	Reverse Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	P07	R	P07	R	P07	R	R	P07	R	R	
31A0	T1 Reverse Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	P11	R	P11	R	R	P11	R	R	
32A0	T2 Reverse Reactive Energy	Read	04	Float - Big Endian (ABCD)	HEX to Float?	/	n/a	P15	R	P15	R	R	P15	R	R	

Modbus command line - read data				
Meter ID	Read	Register address	Register length	CRC code
01	03	1000	0004	CRC16 Modbus RTU
01	03	1010	0002	CRC16 Modbus RTU
01	03	1018	0001	CRC16 Modbus RTU
01	03	1020	0001	CRC16 Modbus RTU
01	03	1050	0002	CRC16 Modbus RTU
01	03	1054	0002	CRC16 Modbus RTU
01	03	1058	0002	CRC16 Modbus RTU
01	03	1060	0001	CRC16 Modbus RTU
01	03	1066	0002	CRC16 Modbus RTU
01	03	107A	0001	CRC16 Modbus RTU
01	03	1510	0001	CRC16 Modbus RTU
01	03	2000	0002	CRC16 Modbus RTU
01	03	2020	0002	CRC16 Modbus RTU
01	03	2060	0002	CRC16 Modbus RTU
01	03	2080	0002	CRC16 Modbus RTU
01	03	20A0	0002	CRC16 Modbus RTU
01	03	20C0	0002	CRC16 Modbus RTU
01	03	20E0	0002	CRC16 Modbus RTU
01	03	2200	0001	CRC16 Modbus RTU
01	03	3000	0002	CRC16 Modbus RTU
01	03	3100	0002	CRC16 Modbus RTU
01	03	3200	0002	CRC16 Modbus RTU
01	03	3020	0002	CRC16 Modbus RTU
01	03	3120	0002	CRC16 Modbus RTU
01	03	3220	0002	CRC16 Modbus RTU
01	03	3040	0002	CRC16 Modbus RTU
01	03	3140	0002	CRC16 Modbus RTU
01	03	3240	0002	CRC16 Modbus RTU
01	03	3060	0002	CRC16 Modbus RTU
01	03	3160	0002	CRC16 Modbus RTU
01	03	3260	0002	CRC16 Modbus RTU
01	03	3080	0002	CRC16 Modbus RTU
01	03	3180	0002	CRC16 Modbus RTU
01	03	3280	0002	CRC16 Modbus RTU
01	03	30A0	0002	CRC16 Modbus RTU
01	03	31A0	0002	CRC16 Modbus RTU
01	03	32A0	0002	CRC16 Modbus RTU

Modbus command line - write data							HEX Value							Selectable values			
Meter ID	Read	Register address	Register length	Data length	New value	CRC code											
01	06	1018			0002	CRC16 Modbus RTU											
01	06	1020			12C0	CRC16 Modbus RTU	2580	9600	9600	4800	2400	1200					
01	10	1066	0002	04	461C4000	CRC16 Modbus RTU	00000001	1	10000	2000	1000	100	10	1	0,1		
01	06	107A			0001	CRC16 Modbus RTU	0001	1	1	4	5	6	9	10			
01	06	1510			0001	CRC16 Modbus RTU	000A	10									
01	06	22 00			0002	CRC16 Modbus RTU	0002	02									
								02	11	12							