Register Address		Contents	Read/Write	Datablocks	HEX response		PRO1-Mod		Remarks	Modbus command line - read data					Modbus command line - write data						
							LCD page	Modbus		Meter ID	Read	Register address	Register length	CRC code	Meter ID	Write	Register address	Register length	Data length	New value	CRC code
1000	4000	Serial number	Read	4	signed	no need to convert	/	R	By default last 8 digits of serial number	01	03	1000	0002	CRC16 Modbus RTU							
1010	4002	Meter code	Read	2	signed	no need to convert	/	R		01	03	1010	0001	CRC16 Modbus RTU							
1018	4003	Meter ID (Mbus/Modbus)	Read/write	2	HEX response	convert to decimal	/	R/W	001~247 (001 default; 000 broadcast)	01	03	1018	0001	CRC16 Modbus RTU	01	06	1018			00C7	CRC16 Modbus RTU
1020	4004	Baud Rate	Read/write	2	HEX response	convert to decimal	/	R/W	9600 (default), 4800, 2400, 1200, 600, 300	01	03	1020	0001	CRC16 Modbus RTU	01	06	1020			2580	CRC16 Modbus RTU
1050	4005	Protocol Version	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R	3.2 = Inepro Modbus protocol version	01	03	1050	0002	CRC16 Modbus RTU							
1054	4007	Software Version	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R	Shows present software version	01	03	1054	0002	CRC16 Modbus RTU							
1058	4009	Hardware Version	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R	1.03, will be updated if hardware modifications are made to the meter	01	03	1058	0002	CRC16 Modbus RTU							
1060	400B	Meter Amps	Read	2	HEX response	convert to decimal	/	R	45A	01	03	1060	0001	CRC16 Modbus RTU							
1066	400D	S0 output rate	Read/write	4	Float - Big Endian (ABCD)	convert HEX to Float	P17	R/W	10000, 2000, 1000, 100, 10, 1, 0.1, 0.01	01	03	1066	0002	CRC16 Modbus RTU	01	10	10 66	0002	04	44FA0000	CRC16 Modbus RTU
107A	400F	Combined Code	Read/write	2	HEX response	convert to decimal	P26	R/W	01, 04, 05, 06, 09 and 10	01	03	107A	0001	CRC16 Modbus RTU	01	06	10 7A			000A	CRC16 Modbus RTU
1510	4010	LCD cycle time	Read/write	2	signed	no need to convert	P15	R/W	0~30 (seconds, 10 seconds default)	01	03	1510	0001	CRC16 Modbus RTU	01	06	15 10			000A	CRC16 Modbus RTU
2000	5000	Voltage	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P08	R		01	03	2000	0002	CRC16 Modbus RTU							
2020	5008	Grid Frequency	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P10	R		01	03	2020	0002	CRC16 Modbus RTU							
2060	500A	Current	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P09	R		01	03	2060	0002	CRC16 Modbus RTU							
2080	5012	Total Active Power	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P11	R		01	03	2080	0002	CRC16 Modbus RTU							
20A0	501A	Total reactive power	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P12	R		01	03	20A0	0002	CRC16 Modbus RTU							
20C0	5022	Total Apparent Power	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P13	R		01	03	20C0	0002	CRC16 Modbus RTU							
20E0	502A	Power Factor	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P14	R		01	03	20E0	0002	CRC16 Modbus RTU							
2200	6048	Tariff	Read/write	2	signed	no need to convert	/	R/W	01 (t1 saved), 02 (t2 saved), 11 (t1 not saved), 12 (t2 not saved)	01	03	2200	0001	CRC16 Modbus RTU	01	06	22 00			0001	CRC16 Modbus RTU
3000	6000	Total Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P02	R		01	03	3000	0002	CRC16 Modbus RTU							
3100	6002	T1 Total Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3100	0002	CRC16 Modbus RTU							
3200	6004	T2 Total Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3200	0002	CRC16 Modbus RTU							
3020	600C	Forward Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P04	R		01	03	3020	0002	CRC16 Modbus RTU							
3120	600E	T1 Forward Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3120	0002	CRC16 Modbus RTU							
3220	6010	T2 Forward Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3220	0002	CRC16 Modbus RTU							
3040	6018	Reverse Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P05	R		01	03	3040	0002	CRC16 Modbus RTU							
3140	601A	T1 Reverse Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3140	0002	CRC16 Modbus RTU							
3240	601C	T2 Reverse Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3240	0002	CRC16 Modbus RTU							
3060	6024	Total Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P03	R		01	03	3060	0002	CRC16 Modbus RTU							
3160	6026	T1 Total Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3160	0002	CRC16 Modbus RTU							
3260	6028	T2 Total Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3260	0002	CRC16 Modbus RTU							
3080	6030	Forward Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P06	R		01	03	3080	0002	CRC16 Modbus RTU							
3180	6032	T1 Forward Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3180	0002	CRC16 Modbus RTU							
3280	6034	T2 Forward Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	3280	0002	CRC16 Modbus RTU							
30A0	603C	Reverse Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P07	R		01	03	30A0	0002	CRC16 Modbus RTU							
31A0	603E	T1 Reverse Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	31A0	0002	CRC16 Modbus RTU							
32A0	6040	T2 Reverse Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	32A0	0002	CRC16 Modbus RTU							
4000	1000	Serial number	Read	4	signed	no need to convert	/	R	By default last 8 digits of serial number	01	03	4000	0002	CRC16 Modbus RTU							
4002	1010	Meter code	Read	2	signed	no need to convert	/	R		01	03	4002	0001	CRC16 Modbus RTU							
4003	1018	Meter ID (Mbus/Modbus)	Read/write	2	HEX response	convert to decimal	/	R/W	001~247 (001 default; 000 broadcast)	01	03	4003	0001	CRC16 Modbus RTU	01	06	4003			00C7	CRC16 Modbus RTU
4004	1020	Baud Rate	Read/write	2	HEX response	convert to decimal	/	R/W	9600 (default), 4800, 2400, 1200, 600, 300	01	03	4004	0001	CRC16 Modbus RTU	01	06	4004			2580	CRC16 Modbus RTU
4005	1050	Protocol Version	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R	3.2 = Inepro Modbus protocol version	01	03	4005	0002	CRC16 Modbus RTU							
4007	1054	Software Version	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R	Shows present software version	01	03	4007	0002	CRC16 Modbus RTU							
4009	1058	Hardware Version	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R	1.03, will be updated if hardware modifications are made to the meter	01	03	4009	0002	CRC16 Modbus RTU							
400B	1060	Meter Amps	Read	2	HEX response	convert to decimal	/	R	45A	01	03	400B	0001	CRC16 Modbus RTU							
400C	1062	CT rate		2					Only for 3 phase CT meter												
400D	1066	S0 output rate	Read/write	4	Float - Big Endian (ABCD)	convert HEX to Float	P17	R/W	10000, 2000, 1000, 100, 10, 1, 0.1, 0.01	01	03	400D	0002	CRC16 Modbus RTU	01	10	400D	0002	04	447A0000	CRC16 Modbus RTU
400F	107A	Combined Code	Read/write	2	HEX response	convert to decimal	/	R/W	01, 04, 05, 06, 09 and 10	01	03	400F	0001	CRC16 Modbus RTU	01	06	400F			000A	CRC16 Modbus RTU
4010	1510	LCD cycle time	Read/write	2	signed	no need to convert	P15	R/W	0~30 (seconds, 10 seconds default)	01	03	4010	0001	CRC16 Modbus RTU	01	06	4010			000A	CRC16 Modbus RTU
4011	1520	Parity setting	Read/Write	2	signed	no need to convert	/	R/W	01 (even); 02 (none)	01	03	4011	0001	CRC16 Modbus RTU	01	06	4011			0001	CRC16 Modbus RTU
5000	2000	Voltage	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P08	R		01	03	5000	0002	CRC16 Modbus RTU							
5002	2008	L1 Voltage		4					Only for 3 phase meter (PRO380 series)												
5004	200C	L2 Voltage		4					Only for 3 phase meter (PRO380 series)												
5006	2010	L3 Voltage		4					Only for 3 phase meter (PRO380 series)												
5008	2020	Grid Frequency	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P10	R		01	03	5008	0002	CRC16 Modbus RTU							
500A	2060	Current	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P09	R		01	03	500A	0002	CRC16 Modbus RTU							
500C	2068	L1 Current		4					Only for 3 phase meter (PRO380 series)												
500E	206C	L2 Current		4					Only for 3 phase meter (PRO380 series)												
5010	2070	L3 Current		4					Only for 3 phase meter (PRO380 series)												
5012	2080	Total Active Power	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P11	R		01	03	5012	0002	CRC16 Modbus RTU							
5014	2088	L1 Active Power		4					Only for 3 phase meter (PRO380 series)												
5016	208C	L2 Active Power		4					Only for 3 phase meter (PRO380 series)												
5018	2090	L3 Active Power		4					Only for 3 phase meter (PRO380 series)												
501A	20A0	Total reactive power	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P12	R		01	03	501A	0002	CRC16 Modbus RTU							
501C	20A8	L1 reactive power		4					Only for 3 phase meter (PRO380 series)												
501E	20AC	L2 reactive power		4					Only for 3 phase meter (PRO380 series)												
5020	20D0	L3 reactive power		4					Only for 3 phase meter (PRO380 series)												
5022	20C0	Total Apparent Power	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P13	R		01	03	5022	0002	CRC16 Modbus RTU							
5024	20C8	L1 Apparent Power		4					Only for 3 phase meter (PRO380 series)												
5026	20CC	L2 Apparent Power		4					Only for 3 phase meter (PRO380 series)												
5028	20D0	L3 Apparent Power		4					Only for 3 phase meter (PRO380 series)												
502A	20E0	Power Factor	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P14	R		01	03	502A	0002	CRC16 Modbus RTU							
502C	20E8	L1 Power Factor		4					Only for 3 phase meter (PRO380 series)												
502E	20EC	L2 Power Factor		4					Only for 3 phase meter (PRO380 series)												
5030	20F0	L3 Power Factor		4					Only for 3 phase meter (PRO380 series)												
6000	3000	Total Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P02	R		01	03	6000	0002	CRC16 Modbus RTU							
6002	3100	T1 Total Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6002	0002	CRC16 Modbus RTU							
6004	3200	T2 Total Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6004	0002	CRC16 Modbus RTU							
6006	3008	L1 Total Active Energy		4					Only for 3 phase meter (PRO380 series)												
6008	300C	L2 Total Active Energy		4					Only for 3 phase meter (PRO380 series)												
600A	3010	L3 Total Active Energy		4					Only for 3 phase meter (PRO380 series)												
600C	3020	Forward Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P04	R		01	03	600C	0002	CRC16 Modbus RTU							
600E	3120	T1 Forward Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	600E	0002	CRC16 Modbus RTU							
6010	3220	T2 Forward Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6010	0002	CRC16 Modbus RTU							
6012	3028	L1 Forward Active Energy		4					Only for 3 phase meter (PRO380 series)												
6014	302C	L2 Forward Active Energy		4					Only for 3 phase meter (PRO380 series)												
6016	3030	L3 Forward Active Energy		4					Only for 3 phase meter (PRO380 series)												
6018	3040	Reverse Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P05	R		01	03	6018	0002	CRC16 Modbus RTU							
601A	3140	T1 Reverse Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	601A	0002	CRC16 Modbus RTU							
601C	3240	T2 Reverse Active Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	601C	0002	CRC16 Modbus RTU							
601E	3048	L1 Reverse Active Energy		4					Only for 3 phase meter (PRO380 series)												
6020	304C	L2 Reverse Active Energy		4					Only for 3 phase meter (PRO380 series)												
6022	3050	L3 Reverse Active Energy		4					Only for 3 phase meter (PRO380 series)												
6024	3060	Total Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P03	R		01	03	6024	0002	CRC16 Modbus RTU							
6026	3160	T1 Total Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6026	0002	CRC16 Modbus RTU							
6028	3260	T2 Total Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6028	0002	CRC16 Modbus RTU							
602A	3068	L1 Total Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
602C	306C	L2 Total Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
602E	3070	L3 Total Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
6030	3080	Forward Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P06	R		01	03	6030	0002	CRC16 Modbus RTU							
6032	3180	T1 Forward Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6032	0002	CRC16 Modbus RTU							
6034	3280	T2 Forward Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6034	0002	CRC16 Modbus RTU							
6036	3088	L1 Forward Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
6038	308C	L2 Forward Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
603A	3090	L3 Forward Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
603C	30A0	Reverse Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	P07	R		01	03	603C	0002	CRC16 Modbus RTU							
603E	31A0	T1 Reverse Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	603E	0002	CRC16 Modbus RTU							
6040	32A0	T2 Reverse Reactive Energy	Read	4	Float - Big Endian (ABCD)	convert HEX to Float	/	R		01	03	6040	0002	CRC16 Modbus RTU							
6042	30A8	L1 Reverse Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
6044	30AC	L2 Reverse Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
6046	30B0	L3 Reverse Reactive Energy		4					Only for 3 phase meter (PRO380 series)												
6048	2200	Tariff	Read/write	2	signed	no need to convert	/	R/W	01 (t1 saved), 02 (t2 saved), 11 (t1 not saved), 12 (t2 not saved)	01	03	6048	0001	CRC16 Modbus RTU	01	06	6048			0001	CRC16 Modbus RTU