Modbus komande

		Command		Address				Data				CRC-32					
MODBUS Komanda	ADR	CH	CL	A3	A2	A1	A0	D3	D2	D1	D0	C3	C2	C1	C0	RESPONSE, Bytes	MEMO
Read OUT state	20	00	03	00	00	00	00	00	00	00	00					DATA, 15	
Read POSITION	20	01	03	00	00	00	00	00	00	00	00					DATA, 15	
Read NULLING state	20	02	03	00	00	00	00	00	00	00	00					DATA, 15	
Zerro Machine	20	00	41	00	00	00	00	00	00	00	00	6B	2F	F6	FE	ECHO, 15	CRC FOR ADR 0x20
Reset Nulling	20	01	41	00	00	00	00	00	00	00	00	3D	B8	F6	1B	ECHO, 15	CRC FOR ADR 0x20
Backup FRAM	20	07	41	00	00	00	00	00	00	00	00					ECHO, 15	
Restore FRAM	20	08	41	00	00	00	00	00	00	00	00					ECHO, 15	
Sync MCU -> KBD	20	09	41	00	00	00	00	00	00	00	00					ECHO, 15	
Reset MCU	20	00	42	00	00	00	00	00	00	00	00					NO-RESPONSE	
Reboot MCU (save position+reset)	20	01	42	00	00	00	00	00	00	00	00					NO-RESPONSE	
Read FRAM @ADR	20	00	43	00	00	**xx**	**xx**	00	00	00	00					DATA, 15	
Write FRAM + 0-63 RAM @ADR	20	00	44	00	00	**xx**	**xx**	**yy**	**yy**	**yy**	**yy**					ECHO, 15	
Dump FRAM 256 bytes @ADR	20	00	46	00	00	**xx**	**xx**	00	00	00	00					RAW no CRC, 256	
Read DIAG @ADR	20	00	50	00	00	**xx**	**xx**	00	00	00	00					DATA, 15	
LCD ASCII pass-trough	20	5A	5A	h	\r	\n	...	...								ASCII no CRC, 0-8192	spaceZZ

Word = 32bit = 4bytes	Word ADR	
RAM and FRAM @ADR	DEC	HEX
POSITION	00	0x00
Point 1 value	01	0x01
Point 1 <,>,0,1	02	0x02
Point 2 value	03	0x03
Point 2 <,>,0,1	04	0x04
Point 3 value	05	0x05
Point 3 <,>,0,1	06	0x06
Point 4 value	07	0x07
Point 4 <,>,0,1	08	0x08
Point 5 value	09	0x09
Point 5 <,>,0,1	10	0x0A
Point 6 value	11	0x0B
Point 6 <,>,0,1	12	0x0C
Point 7 value	13	0x0D
Point 7 <,>,0,1	14	0x0E
Point 8 value	15	0x0F
Point 8 <,>,0,1	16	0x10
UVW/ENC - Ultrasound / Encoder *	17	0x11
Mode 1x or 4x *	18	0x12
USF Offset *	19	0x13
USF Slope *	20	0x14
USF Frequency *	21	0x15
Lenght 16/32bit *	22	0x16
Polarity *	23	0x17
Polarity Zerro *	24	0x18
Zero points set	25	0x19
Last point	26	0x1A
ModBus slave ADR	27	0x1B
ModBus Baud rate 4800 - 230400	28	0x1C
ModBus Data bits 8,9	29	0x1D
ModBus Parity	30	0x1E
ModBus Stop bits 1,2	31	0x1F
ModBus CRC enable	32	0x20
...	...	...
LCD Contrast	53	0x29
LCD Brightness	54	0x2A
LCD Rotate Delay	55	0x2B
...	...	...
FREE	63	0x3F

	FRAM 64kbit 2048 Words
STRT	0x0000
	Working Registers
	0x003F
	...
	FREE
	...
1/2	0x0400
	Backup of Working Registers
	0x043F
	...
	FREE
	...
	0x07FA PD Status
	0x07FB PD ENC Counts
	0x07FC PD ENC Turns
	0x07FD Minute Counts
	0x07FE Boot Counts
END	0x07FF Test REG

	RAM DIAG Registers
0	RX Packets Count
1	RX Bytes Count
2	TX Packets Count
3	Framing Error Count
4	Noise Error Count
5	CRC Error Count
6	Broadcast Packets Count
7	Uptime minutes
8	Parity Error Count
9	
10	
11	
12	
13	
14	
15	