

SOFAR Modbus Protocol - General

valid for HYD 5 ... 20K-3PH and HYD3 ... 6K-EP

Last Update: 23.11.2020

Write Format													
Device Address	Function Code	Start Address		Write Register No.		Write Byte No	Data to write in				CRC		
1 Byte	1 Byte	Hi Byte	Low Byte	Hi Byte	Low Byte	1 Byte	Hi Byte1	Low Byte1	...	Hi Byten	Low Byten	Low Byte	Hi Byte
Brocast Address:0x00; Device Address:1-247	Write Function Code:0x10						For 32bits or 64bit data, it will be sent by Big-endian mode if there is no special explanation. For example , sequence to send a 32bits data: byte3,byte2,byte1,byte0				Modbus-CRC16		

Response Format of Write							
Device Address	Function Code	Start Address		Write Register No.		CRC	
1 Byte	1 Byte	Hi Byte	Low Byte	Hi Byte	Low Byte	Low Byte	Hi Byte
Slave Address	Write Function Code:0x10					Modbus-CRC16	

Read Format							
Device Address	Function Code	Start Address					

