

## Ex9017/F –M Quick Start

1. The default setting is MODBUS mode after Power On .
2. Using INIT pin to contact with GND pin then Power On will enter Normal mode.
3. Command: \$00P0 is set EX9017-M to Normal mode after Repower On. On normal mode, user can set other setting like address, Baudrate, ..... (Please check the EX9000 user manual).
4. Command: \$AAP1 is set to MODBUS mode after Repower On .(AA: address of module)
5. Under Normal mode that Command: \$AAP can check which mode it is after Repower On . (AA: address of module)  
 response:  
 !AA10 = Normal  
 !AA11 = MODBUS

## 6. 04(0x4) READ INPUT CHANNELS

This function code is used to read from 0 to 7 continuous analog input channels.

### Request

00	Address	1Byte	1 to 247
01	Function code	1Byte	0x04
02-03	Starting channel	2 Bytes	0 to 7 for reading analog inputs
04-05	Number of input Channels(N)	2Bytes	1 to 8;(Starting channel+N)<=8 for reading analog inputs

### Response

00	Address	1Byte	1 to 247
01	Function code	1Byte	0x04
02	Byte count	1 Byte	2 x N
03~	Data of input channels	2 x N Bytes	

### Error Response

00	Address	1Byte	1 to 247
01	Function code	1Byte	0x84
	Exception code	1 Byte	02:starting channel out of range 03:( starting channel+number of input channels) out of range,incorrect number of bytes received

## Address Mapping

9017-M				
Address	Hex	Channel	Content	Attribute
30001	0H	0	Analog input Value	Read
30002	1H	1	Analog input Value	Read
30003	2H	2	Analog input Value	Read
30004	3H	3	Analog input Value	Read
30005	4H	4	Analog input Value	Read
30006	5H	5	Analog input Value	Read
30007	6H	6	Analog input Value	Read
30008	7H	7	Analog input Value	Read