

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 EX9043-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 .
5. Under Normal mode that Command: \$AAP can check which mode it is after Repower On .
 response:
 !AA10 = Normal
 !AA11 = MODBUS
6. 04(0x4) READ INPUT CHANNELS

This function code is used to read from 1 to 8 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