

**MODBUS RTU PROTOCOL ADDRESS TABLE**

● Message description

Address	Action	Content	Description	Remark
01	Message headers	XX	Instrument address	Settings according to the instrument system parameter
02		03	Function code	Fixed
03	Variable	00	Register add. H	Fixed
04		01	Register add. L	
05		XX	Data length H	Settings according to the needs of each instrument
06		XX	Data length L	
07	Message ending	XX	Check code	Changing according to the data
08		XX		

Serial communication: RS485

Communication parameter settings:

Baud rate: 9600 Data bits: 8

Stop bit: 1 Parity bit: None

Communication timeout: 50ms or more is recommended

Polling interval: 50ms or more is recommended

Through the modbus function code 03, using RTU mode to read the corresponding instrument parameters

Station number=1, register addresses 40001 (wind speed), 40002 (wind level), 40001 (wind speed) is 100 times the actual value, For example, 40001=400=4.00 m/s

When the instrument receives the correct command word, start to return the correct data, the command format is as follows:

Address	Action	Content	Description	Remark
01	Message headers	XX	Instrument address	Settings according to the instrument system parameter
02		03	Function code	Fixed
03		XX	Data length	Settings according to the needs of each instrument
04	Ddatas return back	H	Data 1 (wind speed)	The length of the data and the meaning of each data representative are determined by each instrument
05		L		
06		H	Data 2 (wind scale)	
07		L		
08		H	Data 3	
09	L			
.....	Message ending	XX	Check code	Changing according to the data
.....		XX		