

## Modbus RTU Mode Protocol Address Table

HEX	Name	Descriptions	Act.
0000	DISPLAY	The current pressure display (value must match the "UNIT" setting.) →02 03 00 00 00 01 84 39 (02 03 02 00 09 3C 42)	R
0001	UNIT	Display units and decimal point settings (0x0000~0x0005) 0: Pa 1:inWC 2:mmWC 3:ps 4:mbar 5:kPa →02 03 00 01 00 01 D5 F9 (02 03 02 00 01 3D 84) →02 06 00 01 00 02 59 F8 (02 06 00 01 00 02 59 F8)	R/W
0002	DP	Decimal point position input range 0000-0004 (0~4) 0: No decimal point 1: XXX.X 2:XX.XX 3:X.XXX X 4: .XXXX →02 03 00 02 00 01 25 F9 (02 03 02 00 01 3D 84)	R
0003	ZERO	Device automatic zeroing trigger 0:NO 1:YES(trigger) →02 06 00 03 00 01 B8 39 (02 06 00 03 00 01 B8 39)	W
0004	UPDATE-TIME	Set LCD display reaction time (unit: 0.1 seconds, range: 0-2.0) Default value: 0.5 s (0.1s~1.0s is the first order of 0.1s, and after 1s, it is the first order of 1s Level). →02 03 00 04 00 01 C5 F8 (02 03 02 00 02 7D 85) →02 06 00 04 00 02 49 F9 (02 06 00 04 00 02 49 F9)	R/W
0005	RANGE	Pressure range detection (0x8000~0x7FFF) →02 03 00 05 00 01 94 38 (02 03 02 09 EC FB 99 )	R
0020	ID	Communication address, input range 0000-00FF(0~247) →02 03 00 20 00 01 85 F3 (02 03 02 00 02 7D 85) →02 06 00 20 00 01 49 F3 (02 06 00 20 00 01 49 F3)	R/W
0021	BAUD	Communication baud rate, input range (0-2: 38400, 19200, 9600) →02 03 00 21 00 01 D4 33 (02 03 02 00 01 3D 84) →02 06 00 21 00 02 58 32 (02 06 00 21 00 02 58 32)	R/W
0022	PARI	Communication synchronization detection bit 0: NONE 1: ODD 2: EVEN →02 03 00 22 00 01 24 33 (02 03 02 00 00 FC 44) →02 06 00 22 00 00 29 F3 (02 06 00 22 00 00 29 F3)	R/W
0023	LOCK	Key lock 0:NO 1:YES (lock) →02 03 00 23 00 01 75 F3 (02 03 02 00 00 Fc 44) →02 06 00 23 00 01 B9 F3 (02 06 00 23 00 01 B9 F3)	R/W
0024	firmware	Software Version →02 03 00 24 00 01 C4 32 (02 03 02 63 30 D4 A0)	R

Error CMD :

When unproper CMD is received, such as error data, error CRC. Will reply

If error CMD send:

01 06 00 0A 00 01 02 00 05 XX XX

DATA 00 05 is error (should be 00 00 - 00 03), reply:

01 86 02 XX XX

01: ID error

02:Data error

03: CRC error)

FUN CODE: 03 (REQUEST)					
ID	FUN	ADDR	WORD	CRC16	MEMO
0x01	0x03	0x00 0x00	0x00 0x01	0x84 0x0A	Query pressure detection range
FUN CODE: 03 (RESPONSE)					
ID	FUN	BYTE	DATA	CRC16	MEMO
0x01	0x03	0x02	0x13 0x88	0xB5 0x12	The response pressure detection range is 5000

FUN CODE: 03 (REQUEST)					
ID	FUN	ADDR	WORD	CRC16	MEMO
0x01	0x03	0x00 0x02	0x00 0x01	0x25 0xCA	Inquire about pressure measurement units
FUN CODE: 03 (RESPONSE)					
ID	FUN	BYTE	DATA	CRC16	MEMO
0x01	0x03	0x02	0x00 0x00	0xB8 0x44	Response the current pressure measurement unit is inWC

FUN CODE: 03 (ERROR MESSAGE)					
ID	FUN	BYTE	DATA	CRC16	MEMO
0x01	0x83	0x01	0x01	0x31 0x88	WORD error in response to inquiry.
0x01	0x83	0x01	0x00	0xF0 0x48	WORD error in response to inquiry.

FUN CODE: 06 (REQUEST)					
ID	FUN	ADDR	DATA	CRC16	MEMO
0x01	0x06	0x00 0x00	0x09 0xC4	0x8E 0x09	Set the pressure detection range to 2500
FUN CODE: 06 (RESPONSE)					
ID	FUN	ADDR	DATA	CRC16	MEMO
0x01	0x06	0x00 0x00	0x09 0xC4	0x8E 0x09	Response pressure setting detection range