

Calibration Lock / Unlock

press UP and Down key until to enter menu

USP
100.00 The weight value of calibration, refer adjustment step B, weight unit is determined by this

↓ SET
PF1
00.00 The gross weight, read only

↓ SET
bAd
9.6 Baud Rate
9.6K Bit/S OR 19.2K Bit/S
factory: 9.6K Bit/S

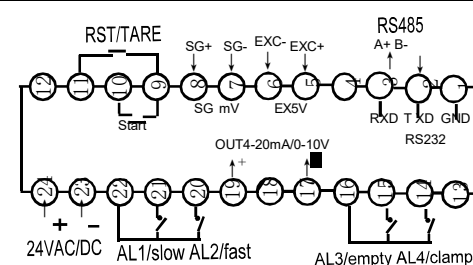
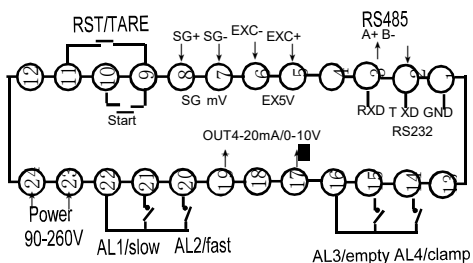
↓ SET
Prt
no Prt=No, Unlock calibration,
Prt=YES, lock calibration, Calibration operation not allowed (refer PAGE 1 weight adjustment)

↓ SET
ScL
015 Calibration password for factory

press UP and Down key until to quit menu

General Wiring Diagram

(If any changed, refer the label on the meter).



Main Products

- Counter & length meter
- Time relay
- Transmitter
- Temperature controller
- Universal Sensor indicator
- Ampere & Voltage Power meter
- Frequency/Tacho/Line-speed meter
- Digital PID adjustor
- Proximity sensor Photo-electrical sensor
- Complete products contains

- ★ 1 copy of user manual,
- ★ 1 inspection QC label,
- ★ 2 installing brackets.

We are responsible for the overall repairment for the failure of manufacturing quality within 12 months since the date of purchase.
More information: PLS Down load from : www.mypinchina.com
Tel: 086-18689341985, Email: Sale@mypinchina.com

MODBUS USER INSTRUCTIONS

1 RS485/RS232 MODBUS-RTU Frame data format

Start bit	Data bit	Stop bit	Parity	Baud rate
1	8	1	None	9.6k or 19.2k

2 The format of the data reading and writing is same as standard Modbus protocol.

Definition as follows:

Request: (eg. read weight value ,TX: 01 03 00 E4 00 03 45FC)

01	03	0228(00E4H)	0003	45FC
ADD	COM	PV	Counts	CRC

Response: (eg. RX: 01 03 06 000031FFD800 29 45)

01	03	06	000031FFD800	7166
ADD	COM	Count	PV	CRC

Return data 3 words, take the first 5 bytes from high to low,

PV= 000031FFD8 = INT 00 00 31H(3 Bytes)+ Point

FFD8H(2 bytes) = 49+65496(FFD8H)/65536=49.999

If the max bit is 1, it means negative number, reverse data code and add 1, E.g return data PV=FFFF2C CC80

PV=- {00 00 D3 337F(Reverse code)+1} = - 0000D3.3380 = -{211(D3H)+13184(3380H)/65536} = - 211.2011

3, Can read OR write 1 parameter only By BCD code every time ,format: H-M-L-Point, E.g 1234.56, TX data code: 12 34 56 02, high byte A?, A='-', B?, b='-1', ?: number, E.g , -234.56=TX code: A23456 02, -1234.56=TX code : B23456 02,

writing AL2=1234.56, TX: 01 03 00 08 00 02 04 12 34 56 02 08 DE, AL2=-234.56, TX: 01 03 00 08 00 02 04 B2 34 56 02 2ADE

4 Clear Tare: Parameter PF1(Address 48H), TX: 01 06 00 48 00 00 09 DC, 01:ID number, 06:COM, ignore writing data

5, Commands: 03H: read holding registers parameters 06H: write single holding register parameter value 10H:

write multi holding registers parameters value

6, Communication parameters:

Parameters	data address (H E X)	count (words)	functions	Parameters	data address (H E X)	count (words)	functions
PV	E4H	3	current weight ,read only	PVF	14H	2	filling or empty hysderesis, R/W
AL1	00H	2	AL1 control Value, R/W	dp	18H	1	weight decimal point, R/W
AL2	04H	2	AL2 control Value, R/W	SFt	19H	1	software filtering Value, R/W
AL3	08H	2	AL3 control Value, R/W	Unt	1AH	1	weight unit, 0: g, 1: Kg, 2: T, R/W
HY1	0CH	2	HY1 control hysteresis, R/W	Add	1BH	1	ID address, 0-255, R/W
AM1	10H	1	0=filling 1=empty, R/W	USP	28H	2	weight of calibration, R/W
AM2	11H	1	0=Gross 1=Net weight, R/W	PF1	2CH	2	Gross weight , R/W
AM3	12H	1	Clamping time 0-255, R/W	bAd	30H	1	0=9.6 bits/s, 1=19.2 bits/s, R/W