XK3118T9/T9-C Weighing Indicator

Technical Manual

- Please read the manual carefully before operation
- Please well keep the manual properly for future reference

1. Technology parameter：

XK3118T9 includes T9（LED display）and T9-C（LCD display）.

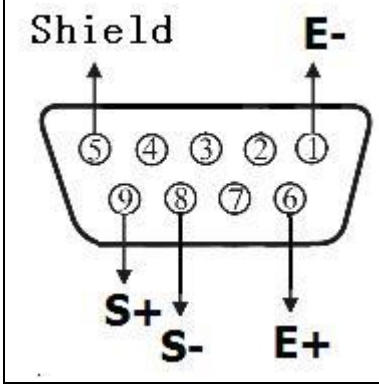
Load cell power supply：DC +5V，it could connect with 1~4 pcs of 350Ω load cell.

Input sensitivity： ≥1.5uV/e Error assigned factor： p_i=0.5

Load cell connection mode： adopts 4-wire mode

Indicator power supply： Adapter：110~220V，50～60Hz；Inner 6V/2.5AH maintenance- free lead -acid battery，could be charged at any time

2. Connection of load cell



Description	
①	Load cell negative excitation E-
⑥	Load cell positive excitation E+
⑧	Load cell signal input S-
⑨	Load cell signal input S+
⑤	Shielded wire

▲！The connection of load cell and indicator should be credible. The shielded wire of load cell and the house of the indicator should be connected to earth. It is not allowed to connect or disconnect with power supply. Avoid damage to indicator or load cell by static electricity.

▲ ！Load cell and indicator are static sensitive devices， so static-proof measures should be adopted. It is forbidden to do any electric welding or intense current field actions. In the season of thunder, credible thunder-proof measures should be adopted, in order to avoid devices' damage and operators' physical injury.

3. Calibration

Step	Operation	Display	Remarks
1	Press key"Fn"	【Fn Set】	Parameters setting
2	"↵"to calibration	【 CAL 】	Press"↵"Next;
3	Press key"↑"to choose scale intervals, Press key"↵"to confirm	【E 1】	Scale intervals setting such as：1、2、5、10、20、50
4	Press key"↑"to choose Number of decimal Press key"↵"to	【DC 0】	Setting the place of the decimal

	confirm		
5	Full span setting	【F030.00】	Press key“←” to move the glinting number to the left one； Press key “↑”to increase the glinting number； Press key “↵”to confirm, Ex: 3000
6	When it is under stability station	【noLoAd】	Zero setting：Make the indicator under noload station，then press key “↵”to confirm the Zero.
7	Input weights of load	【AdLoAd 】 Two seconds later, it will display 【003.000】	Linearity calibrating：Weights load，3000 will be the best，setting process is same as “ Full span setting “ 。Five seconds later, press key“↵”to confirm, quit from calibration。Ex:3000
8	Go back to the working station	【 End 】 【 3.000】	Calibrating end，display “end”, two seconds later, it will show the present weight.

★ Under any situation of the calibration, just press “ESC” to exit if you want to exit calibration. the change of calibration parameter could be saved after you press the confirmation key.

4. Setting of other calibration parameters

After entering calibration display【CAL】,press key“↑”,the indicator display【Zero】，and then press key“↵”to go into other calibration parameters setting， details are as followings：

Step	Operate	display	Remarks
1		【Zero】	Means go into other calibrations parameters setting，press key “↵”,；
2	Press key“↑” to change Press key “↵”to confirm	【Zot *.*】	（Zero Trace）：0～4d
3	Press key“↑” to change Press key “↵”to confirm	【nt **】	（Manual Set Zero）： Full span 0，2，4，10，20，100％；
4	Press key“↑” to change Press key “↵”to confirm	【At **】	（Auto Set Zero）： Full span 0，2，4，10，20，100％；
5	Press key“↑” to change Press key “↵”to confirm	【FL ***】	Filter parameter setting: 【Stb】：（Stable algorithm）； 【SEn】：（Sensitive algorithm）；

★ Under any situation of the calibration, just press “ESC”，could quit from the calibration, the changing calibration parameter could be saved after you pressing the confirmation key.

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