

台秤仪表 Platform scale indicator XK3118T1-F(WX)



<< XK3118T1-F(WX)

产品简介:

XK3118T1-F(WX)无线电子称重仪表能在现场中将称重信号以无线数字形式发送仪表端接收并进行显示,解决了现场布线难、移动不便的问题。采用高抗干扰单片微处理器、2.4G无线传输、高精度 $\Sigma-\Delta$ A/D转换技术,可应用在平台秤、地磅等称重场合。

无线称重系统包括XK3118T1-F(WX)无线电子称重仪表和T-WX1无线发射器,需要购买以上两款产品才能使用。

XK3118T1-F(WX)系列仪表供电方式有变压器、内置开关电源可选。

· 特点及基本功能:

具有节能模式和自动关机功能;
无线通讯距离空旷地50米;
同时支持有线无线连接接线盒;
T-WX1充一次电可正常工作约200小时;

· 技术参数:

准确度等级: III级, n=3000
每检定分度值最小输入电压: $\geq 1.5uV/e$
误差分配系数: $\pi=0.5$
分度值: 1、2、5、10、20、50可选
传感器供桥电压: DC 5V,可接1~6个350 Ω 电阻应变片传感器;
信号输入范围: -16mV ~ 18mV
传感器连接方式: 采用6线式(长线自动补偿,补偿距离 ≤ 30 米)
分度值: 1/2/5/10/20/50 可选
调制方式: GFSK;
工作频率: 2.4GHz;
工作信道: 16;
传输距离: 50米(空旷地);
仪表主电源: XK3118T1-F1(WX): 内置变压器,标配AC220V,如有AC110V需求,订货时请说明;
XK3118T1-F2(WX): 内置开关电源, AC110V ~ 220V;
备用电源: 内置6V/4Ah免维护铅酸蓄电池。
使用温度为: -10 $^{\circ}$ C~40 $^{\circ}$ C,湿度为 10%~85%(RH),无冷凝。
贮存温度为: -20 $^{\circ}$ C~60 $^{\circ}$ C,湿度为 10%~95%(RH),无冷凝。
重量: 约2kg。

· T-WX1技术参数

A/D转换方式: 采用 $\Sigma-\Delta$ 技术,每秒10次;
输入灵敏度: $\geq 1.5uV/e$ (有线方式);
传感器供桥电压: DC 5V,可接1~4个350 Ω 电阻应变片传感器;(最好使用700 Ω 电阻应变片传感器);
传感器连接方式: 采用4线式;
无线发射器电源: 内置3.6V/4.4Ah锂电池;
调制方式: GFSK;
工作频率: 2.4GHz;
工作信道: 16;
传输距离: 50米(空旷地);
充电器: 输入100~220V、输出6V/1A;
使用温度为: -10 $^{\circ}$ C~40 $^{\circ}$ C,湿度为 10%~85%(RH),无冷凝;
贮存温度为: -20 $^{\circ}$ C~60 $^{\circ}$ C,湿度为 10%~95%(RH),无冷凝;
尺寸: 153mm*90mm*55mm(长*宽*高);
重量: 约0.35kg。

Introduction

XK3118T1-F(WX) wireless indicator, it can transmit weighing signal to the indicator in terms of wireless digital, adopts high anti-interference single-chip microprocessor, 2.4 G wireless transmission, high precision $\Sigma-\Delta$ A/D conversion technology, can be used in platform scale, floor scale by solving the inconvenient cable setting and movement

Wireless weighing system includes XK3118T1-F(WX) wireless indicator and T-WX1 wireless transmitter. You need to order both two for using.

XK3118T1-F(WX) wireless indicator has transformer, built-in switching power supply optional.

Characteristics and basic functions:

Power-saving mode and auto power-off function;
Transmission distance is 50 meters in open space without barriers;
Support wireless and wired modes to connect with junction box;
Charging once can be normally working for 200 hours.

Technical parameters of XK3118T1-F(WX)

Accuracy Class: III, n=3000
The minimum input voltage per verification scale interval: $\geq 1.5uV/e$
Error Partition coefficient: $\pi=0.5$
Scale Interval: 1、2、5、10、20、50 are optional
Load cell supply voltage: DC 5V, connect 1~4 pcs 350 Ω load cells; (700 Ω load cell are advised);
Signal input range: -16mV ~ 18mV;
Load Cell Connection Mode: 6 Wire Connection (Long Wire Auto Compensation)
FM: GFSK;
Working frequency: 2.4GHz;
Working channel: 16;
Transmission distance: 50M (open space);
Main power supply of indicator: XK3118T1-F1(WX): built-in transformer, AC220V standard, AC110V optional;
XK3118T1-F2(WX): Built-in switching power supply, AC110V ~ 220V;
Backup power: Built-in 6V/4Ah maintenance Free Battery
Operating temperature: -10 $^{\circ}$ C~40 $^{\circ}$ C, Humidity 10%~85%(RH), no condensing;
Storage temperature: -20 $^{\circ}$ C~60 $^{\circ}$ C, Humidity 10%~95%(RH), no condensing;
Weight: Approx 2kg

Technical parameters of T-WX1

A/D conversion mode: $\Sigma-\Delta$ technology, 10 times/second
Input sensitivity: $\geq 1.5uV/e$ (wired mode)
Load cell supply voltage: DC 5V, connect 1~4 pcs 350 Ω load cells; (700 Ω load cell are advised);
Load Cell Connection Mode: 4 Wire Connection
FM: GFSK;
Working frequency: 2.4GHz;
Working channel: 16;
Transmission distance: 50M (open space);
Charger: input 100~220V, output 6V/1A
Operating temperature: -10 $^{\circ}$ C~40 $^{\circ}$ C, Humidity 10%~85%(RH), no condensing;
Storage temperature: -20 $^{\circ}$ C~60 $^{\circ}$ C, Humidity 10%~95%(RH), no condensing;
Size: 153mm*90mm*55mm(L*W*H);
Weight: Approx 0.35kg