

产品简介:

XK3118T1-D系列电子称重仪表,采用高精度 $\Sigma-\Delta$ AD转换芯片,配置不锈钢支架+塑料底座,新颖的外观结构,配置多种电源版本,交直流两用,适用于1~6个模拟传感器的平台秤、台秤等静态称重系统。

XK3118T1-D系列仪表备有多款外壳,供客户定制个性化品种。
XK3118T1-D系列仪表供电方式有变压器、内置开关电源、外置适配器可选。

· 特点及基本功能:

通过OIML R76认证;

通过CE认证。

高精度AD转换,可读性达1/30000;

20倍的内码显示,替代感量砝码观察和分析误差;

开机自动置零范围、手动置零范围可独立设置,零位跟踪范围可设置;

随机充电,有欠压指示及保护装置;

采用电池浮充电路,有效延长蓄电池寿命;

具有节能模式和自动关机功能;

畜牧秤功能、累计功能、选配计数功能;

上下限检重指示功能;(需定制)

RS232通讯接口,多种通讯格式;

全面配置电磁兼容防护措施;

· 技术参数:

准确度等级: III级, n=3000

A/D转换方式: $\Sigma-\Delta$ 转换方式, 20bit

每检定分度值最小输入电压: $\geq 1.5\mu\text{V}/e$

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 模拟传感器

传感器连接方式: 采用6线式(长线自动补偿)

显示方式: 6位LED数码管, 10个状态指示符;

使用电源:
T1-D1(内置变压器): AC 220V, 50Hz(可定制110V)
T1-D2(内置开关电源): AC 110~220V, 50Hz~60Hz)
T1-D3(外接适配器): AC220/110V, 输出DC10.5V
内置6V/4AH免维护铅酸蓄电池, (随机充电);

使用温度为: 0~+40 $^{\circ}\text{C}$, 湿度 $\leq 85\%$ (RH)

存储温度为: -20~+60 $^{\circ}\text{C}$ 湿度 $\leq 95\%$ (RH)

仪表外形尺寸: 280 \times 170 \times 98 mm(长 \times 宽 \times 高);

仪表重量: 约1.8 (kg);

Introduction

XK3118T1-D series weighing indicator adopt high precision $\Sigma-\Delta$ AD conversion chip, stainless steel frame & plastic base, novel outline structure, wide range of voltage switch power supply, AC and DC power supply, suitable for platform scale, floor scale and other static weighing systems with 1~6 pieces of analog load cells.

XK3118T1 series indicators have several housings, and transformer, built-in switch power, built-out adaptor for selection.

Characteristics and descriptions:

With OIML R76 approved.

CE Approval;

High precision AD conversion, readability 1/30000;

20 times of ISN display, replace weights to observe and analyze error;

Power on, auto zero-set range, manual zero-set range can be set separately, zero tracing range can be set;

Random charging by indicator, with low power indication and protection device;

Adopt float charging circuit, can prolong battery lifetime;

Power-saving mode and auto power-off function;

Animal scale function, accumulation function, counting function is optional;

High and low limit weight indication;

RS232 communication interface, multi communication formats;

Apply with EMC preventive measurement;

Main technical parameter:

Accuracy class: III, n=3000

A/D conversion mode: $\Sigma-\Delta$, 20bit

The minimum input voltage per verification scale interval: $\geq 1.5\mu\text{V}/e$

Error Partition coefficient: $\pi=0.5$

Scale Interval: 1、2、5、10、20、50 are optional

Load cell excitation: DC 5V, connect 1~6 pieces of 350 Ω analogy load cells

Load cell connection mode: 6 wires (long wire auto compensation)

Display: 6 bits LED, 10 indication signs

Power supply:

T1-D1 (built-in transformer): AC 220V, 50Hz (110V can be customized)

T1-D2 (built-in switching power): AC 110~220V, 50Hz

T1-D3 (built-out adaptor): AC 220/110V, output DC10.50V.

Built-in 6V/4AH free maintenance Lead-Acid battery (random charging)

Operating temperature: 0~+40 $^{\circ}\text{C}$, humidity $\leq 85\%$ (RH)

Storage temperature: -20~+60 $^{\circ}\text{C}$ humidity $\leq 95\%$ (RH)

Indicator dimension: 280 \times 170 \times 98 mm (L \times W \times H)

Indicator weight 1: about 1.8 (kg)