

## 防爆模拟汽车衡仪表 Ex-XK3118K

Explosion proof analog vehicle weighing indicator



<< Ex-XK3118K

### 产品简介:

Ex-XK3118K是隔爆型的防爆模拟汽车衡仪表，防爆等级：Exd[ia]ICGa]IIBT6Gb。

防爆合格证号：GYB14.1688X

Exd[ia]ICGa]IIBT6Gb 的含义：

标志内容	符号	含义
防爆声明	Ex	符合某种防爆标准，如我国的国家标准
防爆方式	d	采用隔爆方法
气体类别	II B	允许涉及 II B 类爆炸性气体(典型气体乙烯)
温度组别	T6	仪表表面温度不超过 85℃

因防爆环境特殊性，与常规汽车衡功能相比省去外接并口打印机及相关功能，保留去皮、置零、累加等常规功能。双路RS485接口，每路可单独设置波特率与通讯格式，方便外扩显示或供安全区的串口打印机用。

### 主要技术参数:

每检定分度值最小输入电压	≥ 1.5 μV
A/D转换方式:	Σ - Δ方式, 24bit
传感器激励电源	开路: DC 5V (最多可接8个700欧传感器)
传感器接口本安参数	Uo:6.3V Io:240mA Po:0.378W Co:15uF Lo:0.3mH
显示	7位0.8英寸白光LED
按键	6个
串行通讯接口:	双路RS485
串口可外接设备:	点阵大屏幕、PC机、串口打印机
使用环境条件	电源:110V~220V AC 温度 -10℃ ~ +40℃
外形尺寸	310 × 278 × 173 mm (长 × 宽 × 高)

### Introduction

Ex-XK3118K is Explosion proof analog vehicle weighing indicator of explosion isolation, explosion-proof degree: Exd[ia]ICGa]IIBT6Gb。

Certification:GYB14.1688X

Exd[ia]ICGa]IIBT6Gb :

content	symbol	meaning
explosion-proof declaration	Ex	accord with a certain standards for explosion proof, such as a national standard in China
explosion-proof mode	d	use explosion isolation method
Category of gas	II B	Allow to II B explosive gas (typical gas ethylene)
Temperature group	T6	The temperature of indicator's surface does not exceed 85 °C

Because of the special explosion-proof environment, compared with the normal vehicle weighing function, it reduces the external parallel printer and related functions and keeps the function of tare, zero and add .two channels RS485 interface, it sets Baud rate and communication mode lonely for each channel, and it is Convenient external display or for safety zone serial printer.

### main technical parameter:

the minimum input voltage of each index value	≥ 1.5 μV
A/D conversion mode:	Σ - Δ mode, 24bit
Excitation source of load cell open circuit:	DC 5V ( connect 8pcs 700Ω load cell at most )
Load cell interface Exia parameter	Uo:6.3V Io:240mA Po:0.378W Co:15uF Lo:0.3mH
Display key	7bits 0.8inch white light LED 6pcs condition
Serial Communication interface:	two channels RS485 interface
Serial external connecting device:	Dot matrix scoreboard、PC、serial printer
power :	110V~220V AC
temperature:	-10℃ ~ +40℃
Size:	310 × 278 × 173 mm ( length × width × height )