

防爆型电子称重仪表 Explosion proof indicator Ex-D11-C



« Ex-D11-C

产品简介:

Ex-D11-C防爆型电子称重仪表, 防爆方式采用隔爆型, 可以与柯力E型防爆数字传感器连接, 适用于化工、医药等有防爆要求计量应用场合。

防爆等级: Exd[ia]ICGa)IIBT4Gb 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	T4	仪表表面温度不超过 135°C

防爆合格证号: GYB13.1560X

· 特点及基本功能

柯力E型防爆数字传感器; 支持自动组秤方式;
自动调角差功能和手动调角功能; 非线性修正功能;
数字传感器内码查看功能; 数字传感器状态快速检测功能;
支持压角查看地址; 支持组秤异常检测;
配置大屏幕接口、RS485通讯接口;
防爆方式采用隔爆型;

· 主要技术参数

数字传感器接口: RS485方式, 最大传输距离≤40米
传输速率: 19200 bps;
传感器接口电源端本安参数:
 $U_0=16V, I_0=800mA, P_i=3.2W,$
 $C_0=2.75\mu F, L_0=0.1mH;$
传感器接口通讯端本安参数:
 $U_0=12.8V, I_0=322mA, P_i=1.1W,$
 $C_0=1.06\mu F, L_0=0.3mH;$
数字传感器连接数量: 1~8个
数字传感器通讯协议: 柯力E协议
键盘: 16个金属按键
显示: 7位LED数码管, 7个状态指示灯;
大屏幕接口: 20mA电流环恒流源串行输出, 波特率600,
传输距离≤100米;
RS485通讯接口: 配置标准RS485, 波特率2400~19200可选
仪表电源: 主电源交流110~220V, 50Hz;
外型: 440×350×152mm;
自重: 约20公斤

Introduction

Ex-D11-C is explosion proof indicator work with Keli E type explosive proof digital load cell, designed for chemical, pharmaceutical and other field with explosive proof requirement.

Explosive-proof rating: Exd[ia]ICGa)IIBT4Gb

Category	Mark	Definition
Explosive proof declaration	Ex	In accordance with certain standards, for instance, our national explosive proof standards
Protection type	d	Adopt flame proof type
Gas categories	II B	Allow for II B type explosive gas (typical type like Ethylene)
Temperature Class	T4	Maximum temperature on the shell shall not exceed 135°C

· Features and basic function

Work with Keli E type digital load cell, support auto scale assembly
Support auto self angle difference adjustment and manually adjustment function
Non-linearity correction
Digital load cell internal code checking and status quick testing
Support check address by pressing the angel, support problem diagnose in scale assembly
Equipped with scoreboard and RS485 communication interface
Protection type: Flameproof type

· Main technical parameter

Digital load cell interface: RS485, maximum communication distance
≤40 meters
Communication speed: 19200 bps;
Intrinsic safe parameters for load cell power supply interface: :
 $U_0=16V, I_0=800mA, P_i=3.2W,$
 $C_0=2.75\mu F, L_0=0.1mH;$
Intrinsic safe parameters for load cell communication interface: :
 $U_0=12.8V, I_0=322mA, P_i=1.1W, C_0=1.06\mu F, L_0=0.3mH;$
Quantity of load cell to work with: 1~8
Digital load cell communication protocol: Keli type E
Keypad: 16 metal keys
Display: 7 LED digital bits, 7 status indication
Scoreboard interface: 20mA constant current loop serial output, Baud rate 600, communication distance ≤100 meters;
RS485 Interface: Standard RS485, Baud rate can be selected between 2400~19200
Power Supply: Main Power 110~220V, 50Hz;
Outline Dimension: 440×350×152mm;
Net weight: 20 kgs