

RDQJ-1 固定式可燃气体监测报警装置

Combustible Gas Detection System

概述

本装置由可燃气体检测变送器和报警控制箱两部分组成,当装置运行时,由可燃气体监测探头将监视区域内空气中可燃气体浓度,转换为DC4-20mA标准信号,传送到设在控制箱内的RDYB计算机控制单元,并由显示单元对各监测点的可燃气体浓度进行实时显示;当可燃气体浓度超过设定的预报警值或极限报警值时,由报警控制单元发出相应的声、光报警信号,并指明发出报警信号的部位。

技术参数

- ⊗ 电源: 主电源AC220V / AC 110V
副电源DC24V
- ⊗ 报警状态: 30%LEL主报警
10%LEL预报警(报警设定值可调)
故障报警
- ⊗ 检测对象: 空气中的可燃性气体;
- ⊗ 信号输出: RS485
- ⊗ 量程范围: 0~100%LEL或1~100%V/V
- ⊗ 测量精度: ±5%LEL
- ⊗ 报警形式: 声光报警
- ⊗ 功耗: 10W



Summary

The system consists of hydrocarbon gas detection transmitter, oxygen sensor(optional) and alarm panel. During operation of the system, the transmitter monitor hydrocarbon gas concentration and transfer the concentration into corresponding current signal by DC4-20mA. At the same time, send the current signal to PC Controller with RDYB Alarm Meter for displaying the concentration in real time. While the gas concentration is higher than the pre-alarm value or limit alarm value, corresponding the audio-visual alarm is working in controller unit and indicate the point that emits alarm signal.

Tech. Spec.

- ⊗ Voltage: Main AC220V / AC 110V
Back up DC24V
- ⊗ Alarm state: 30%LEL(main alarm)
10%LEL(pre-alarm, adjustable)
failure alarm
- ⊗ Sample object: Combustible gas in air;
- ⊗ Signal output: RS485
- ⊗ Measuring range: 0~100%LEL, 1~100%V/V
- ⊗ Accuracy: ±5%LEL
- ⊗ Power: 10W
- ⊗ Alarm type: audio-visual alarm