

RDKR-1气体检测变送器

RDKR-1 Gas Detection Transmitter

概述

RDKR-1气体检测变送器（以下简称变送器）可以将空气中的可燃气体爆炸下限内的百分比含量（%LEL）浓度，氧气为体积百分比以内含量浓度及硫化氢气体检测范围以内含量浓度按正比例关系转换成4~20mA标准信号输出。通过本公司生产的RDQJ气体监测报警装置处理并显示。
该变送器主要适用于船舶场所，也可广泛用于石油化工、橡胶、皮革、冶金、环境保护或消防等领域。

技术参数

- 探测器（探头）：半导体式，电化学式和催化燃烧式（可燃气）
- 工作电压：12~26VDC
- 输出信号：4~20mA
- 检测精度：±3LEL
- 响应时间：<30s
- 防爆等级：Exia II CT4(半导体式)
- 防爆合格证号：GYB 05323（本安型）
- 产品执行企业标准号：RDBZ 303-2003

特点

- 固定式安装，连续工作
- 标准4-20mA电流信号输出，可直接本公司仪表实现远程监控
- 不锈钢外壳
- 性能稳定，灵敏可靠
- 使用寿命长



Summary

RDKR gas detection transmitter is shorted for transmitter in this summary. The percent concentration of monitoring gas in its range of lower limit, Oxygen's volume percent and the percent concentration of hydrogen sulfide in the inspecting range receive respective result by the transmitter. And then, according the relation of direct proportion, the transmitter convert them to 4~20mA standard signal and output the result. The result could be disposal and displayed by the RDQJ gas-monitoring device, which is produced by our company.

Mainly be used in the field of shipping. Of course as well as other fields as followed: petrochemical, rubber leather, metallurgy, environment protection, or fire protection.

Technical Spec.

- Detector (probe): semiconductor, electrochemistry, catalytic combustion (for hydrocarbon gas)
- Ex marking: Exia II CT4(for semiconductor)
- Ex-proof certificate No.: GYB 05323(Exia II CT4)
- Industrial standard: RDBZ 303-2003
- Operation pressure: 12~26V DC
- Output signal: 4~20mA
- Accuracy: ±3% LEL
- Response time: <30s

Characteristic

- Fixed installation, continuous service
- Stainless steel shell
- Longevity of service
- Reliable performance, excellent sensitivity
- 4-20mA Output, direct connect with RONGDE meter for remote monitoring