

OXY5500氧气分析仪

在天然气和天然气加工应用场合中可靠进行高精度氧气 (O₂) 测量



优势:

- 轻松浏览显示界面和操作菜单
- 小巧的光学传感器，无膜片和化学品耗材
- 光学测量快速、连续响应
- 优秀的长期稳定性
- 不受H₂S的影响
- 无可移动部件，操作简单
- 保存30天时间内的数据记录

产品规格参数

- **Measured Variables** Concentration Cell Pressure Cell Temperature
- **Hazardous area approvals** ATEX / IECEx - Zone 2 CSA Class I, Division 2

详细信息和最新价格参见:

www.endress.com.cn/OXY5500

应用领域: OXY5500氧气分析仪结构紧凑，是单台仪表独立工作的单通道分析仪，采用荧光淬灭 (QF) 技术，可靠测量天然气和天然气加工应用场合中的氧气浓度。传感器探头直接插入工艺气流中，通过光纤连接传感器和控制器。OXY5500分析仪配备LCD液晶显示屏，内置数据记录仪和整套样气预处理系统，提供连接PC接口的操作软件。

特征和规格

02

测量原理

Quenched Fluorescence

O2

Product Headline

Compact, single channel oxygen (O2) analyzer with an LCD display and built-in data logger. The sensor measures oxygen using Quenched Fluorescence (QF) technology, which is inserted into the process stream and is connected to the controller by an optical fiber.

Channels

1

Analyte and Measurement ranges

O2 (Oxygen): 0-100 ppmv to 0-50%

Measured Variables

Concentration

Cell Pressure

Cell Temperature

Ambient Temperature range

-20 to 50°C (-4 to 122°F)

Operating Pressure range

Inlet Pressure: 140-275 kPa (20-40 psig)

Sample Cell: 800-1200 mbara

Analyzer Wetted materials

304 & 316 Stainless Steel

FKM O-Rings

Power supply108-253 VAC, 50/60 Hz; 5.3 Watts @ 120VAC; 6.6 Watts @ 240VAC
OR

9-30 VDC (CSA), 18-30 VDC (IECEX/ATEX); 4.7 Watts @ 24VDC

02

Communication

Analog Output: Two 4-20 mA outputs

Analog Input: One 4-20 mA input (sample pressure)

Fieldbus: RS-232C, RS-485, & Ethernet 10/100 with Modbus

Output Relays: Qty 2, 250 mA max load (Concentration and Fault Alarms)

USB 2.0 Works With Service Software Only

4 GB Internal Memory with Internal Data Logging

Housing materials

Electronics: 304 or 316L Stainless Steel

Hazardous area approvals

ATEX / IECEx - Zone 2

CSA Class I, Division 2

Degree of protection

IP64, Type 4X

Product safety

CE

RCM

FCC

更多信息 www.endress.com.cn/OXY5500