



Michell Instruments XZR500 oksijen analizörü, optimum yanma için gerekli fazla havayı belirlemek için t

Kullanım alanları: Kazanlarda yanma ve verimlilik kontrolü, krematoryum, atık ve endüstriyel yakm

Ürün Özellikleri

- Güvenilir ve tekrarlanabilir ölçümler
- Bakımı kolay, kalibre için basit

- Sağlam tasarım
- Hızlı ve kolay kurulum
- Kullanımı kolay
- Örnek hücre için termal şok şansı yok
- Uzun ömürlü zirkon hücre

Teknik Özellikler

Sensör Tipi

Measurement Principle Zirconium Oxide Sensor with metallic sealed reference and K Type T/C

Performans

Gas requirements

Typical exhaust gas

Measurement Range 0.01 to 25% Oxygen

Accuracy

Better than $\pm 2\%$ of reading

Response Time (T90) 20 seconds

Repeatability $\pm 0.1\%$

Fidelity

1% per month

Linearity Better than $\pm 1\%$

Sample Flow Rate Flue Gas at 0.5 m/sec minimum rate

Maximum Sample Pressure

Depending on application

Maximum Sample Temperature 300°C (see probe selection in Wetted Materials)

Çıkışlar

Output Signal One off 0/4-20 mA linear with Galvanic Insulation Output

2nd optional output

Output Load

Over 1000 Ω

Self-diagnostics

Included in readout

Output Ranges Freely configured between 0.01 to 25%
Alarms
2 Alarms; user adjustable (10 W)
1 Fault Alarm
Display Resolution 0.1% in standard
(0.01% on request)
Power Supply
110 V (100 to 120), 50 - 60 Hz or 220 V (190 to 240) 50 Hz
Power Consumption 110 VA
Ambient Temperature Range 55°C
Sensor Temperature 700°C
Operating Humidity
5 to 90% RH without condensation

Fiziksel

Dimensions 300 x 300 x 200mm (Control)
290 x 135 x 650mm (Sensor)
Weight 10 to 15kg depending on application
Wetted Materials (Maximum temperature)
304 L Stainless steel (700°C)
Inconel 600 (1000°C)
HR160 (600°C to 1000°C)
C2000 (600°C)
Halar coating (120°C)
Ceramic (1300°C)
Probe Lengths 0.4, 0.6 and 0.9m
Installation
Stack and wall mounting
Housing Ingress Protection
Weather proof enclosure to sensor: IP53
Control unit: IP52