

SS500E



详细信息和最新价格参见:

www.endress.com.cn/SS500E

优势:

- 高精度实时测量结果
- 在严苛工况下可靠测量，几乎无需维护
- 无湿润或干燥延迟，测量快速、精确
- 蒸汽中夹杂的杂质（比如乙二醇、甲醇、胺、硫化氢或硫醇）不会引起污染或漂移
- 不锈钢样气预处理系统外壳带/不带伴热功能，NEMA 4X防护等级
- 低使用成本，无需耗材
- 通过CSA Cl. 1, Div. 2防爆认证

产品规格参数

- **Measured Variables** Concentration Dew Point Cell Pressure Cell Temperature
- **Hazardous area approvals** CSA Class I, Division 2 CSA Class I, Zone 2

应用领域: SS500e是单通道H₂O气体分析仪测量可靠，为天然气行业的测量需求量身定制。传感器采用TDLAS可调谐激光二极管吸收光谱技术，测定气体中的水气浓度，无需直接接触气体。

特征和规格

H₂O

测量原理

TDLAS

Product Headline

An economical gas analyzer for moisture (H₂O) in the natural gas industry. The sensor measures gas using Tunable Laser Diode Absorption Spectroscopy (TDLAS) to determine the concentration of the gas without coming into physical contact with the stream. Includes a heated enclosure for the sample conditioning system. Option of a simple sample conditioning system to reduce complexity of the analyzer.

H2O

Channels

1

Analyte and Measurement ranges

H2O (Moisture): 5-422 to 5-2110 ppmv

Measured Variables

Concentration
Dew Point
Cell Pressure
Cell Temperature

Ambient Temperature range

-20 to 50°C (-4 to 122°F)
Optional: -10 to 60°C (14 to 140°F)

Operating Pressure range

Inlet Pressure: 140-350 kPa (20-50 psig)
Sample Cell: 700-1400 mbara or 700-1700 mbara (optional)

Analyzer Wetted materials

316L Stainless Steel
FKM O-Rings
Glass

Power supply

100-240 VAC, 50-60 HZ
OR
18-24 VDC - optional
1 Amp maximum @ 120 VAC , 1.6 Amps @ 24 VDC (unheated)
2 Amps maximum @ 120 VAC (heated)

Communication

Analog Output: Two 4-20mA Isolated, 1200 ohms @ 24 VDC max load
Serial: RS232C - standard, RS485 and Ethernet - optional
Protocol: Modbus Gould RTU or Daniel RTU or ASCII
Digital Outputs: 2, General Fault and Concentration/Assignable Alarm

H2O

Housing materials

Electronics: 304 or 316L Stainless Steel

Sample System Enclosure: 304 or 316L Stainless Steel

Hazardous area approvals

CSA Class I, Division 2

CSA Class I, Zone 2

Degree of protection

Type 4X

更多信息 www.endress.com.cn/SS500E