

Detaylı Bilgi İçin Ürün Resmine Tıklayınız



Kritik proses gaz uygulamaları için tam Nem Ölçüm Paketi.

Kullanım alanları: Doğal gazın glikol dehidrasyonu, boru hattıyla deniz aşırı doğalgaz ihracatı, bo

Ürün Özellikleri

- EExd ateşe dayanıklı sertifikalı - ATEX ve CCSAUS ve GOST ex
- Tam tehlikeli alan kurulumu
- Tek veya çift kanallı ölçüm
- Nem oranı, çiy noktası ve basınç
- Kalibrasyon NPL (İngiltere) ve NIST (ABD) için izlenebilir
- Uzaktan küresel erişim seçenekleri
- Ekşi gaz uyumlu
- Alan Kalibrasyon bakım
- Aralığı + 30 - 120° Cdp, 0,001 - 30.000 ppmV

Teknik Özellikler

Single Configuration Channel

Moisture Parameters Dew point °C and °F

Moisture Content Automatic pressure compensated conversions: ppmV for natural gas and ideal gas

Dew point at a pressure input by the user for natural gas and ideal gas.

Calculations for natural gas moisture content based on either ISO 18453 or IGT#8 to customer order preference

Analysis Pressure barg, MPa and psig

Sensor Technology

Michell Ceramic Moisture Sensor

Measurement Range -120° Cdp to +30° Cdp

1 ppbV to 30,000 ppmV

0 to 250 barg

Calibration Range

-100° Cdp to +20° Cdp

10 ppbV to 23,000 ppmV

Accuracy Dew point: ±1° C between -59.9 & +20° Cdp

Moisture content: ±10% of reading

Dew point: ±2° C between -60 & -100° Cdp

Moisture content: ±20% of reading

Analysis Pressure: ±0.25% FS

Measured Resolution

0.1° C: -80 to +20° Cdp

1° C: -100 to -80° Cdp

Displayed Resolution Dew point: 0.1 °C
Moisture content: autoscale, 5 digits
MPa and barg: 0.1, psig: 1.0

Resolution
0.1 °C between +20 and -80 °Cdp
1 °C between -80 and -100 °Cdp

Temperature Coefficient Algorithm compensation

HMI: Keyboard Interface
Capacitive touch-screen through glass

Display Vacuum fluorescent

Datalogging
A rolling maximum of 150 data logs is available
Each log records time, date, moisture and pressure values for each channel
5 minutes minimum and 60 minutes maximum logging intervals can be set by the user

Communications and Outputs Two non-isolated 4-20 mA per measurement channel. 500 Ω maximum load
Modbus RTU @ 9600 baud-rate
Alarms: two volt free contacts per channel; one process value and one instrument status
Also available via Modbus communications

Main Unit Enclosure
Internal temperature control for condensation protection and stable analysis conditions

Type Flameproof EExd

Construction
Cast copper-free aluminium

Finish Chromate primer, Polyester P9010 powder coated (black). Meets BS3900

Operating Pressure
Max 206 barg

Sample Connections 1/4" NPT (female)

Sample Flow Rate
0.5 to 5 l/min

Sample Flow Alarm Optional

Power Supply

90 to 260 V AC, 50/60 Hz, 180 W Main Unit

Operating Environment Indoor/Outdoor -20°C to +60°C
Max 95% RH Shaded location

Sertifikasyon

Hazardous Area Certification ATEX Certification: II 2 G Code: EExd IIB + H2 T4 (135°C) IP66 Tamb -40 t
CCSAUS approved: Div 1, Class 1, Group B,C,D

GOST Ex

Pattern Approval

GOST-R, GOST-K, ukrSEPRO

Uzaktan Arabirim

Optional for indoor safe area installation EExd Process Instrumentation Range Analyzers in any con

Display Backlit color 15cm/6" LCD

User Interface Integral mouse, on-screen keyboard

Functions View and modify analyzer operating settings

Record parameters to file and view virtual chart recorder analyzer diagnostics

Ports LAN, USB2

Data Download CSV (comma separated variable) format for easy import to Excel™

Remote Access OPC (OLE for Process Control) over a LAN

Imbedded web page/unique IP address for PC access

Power Supply 100-280 V, 50/60 Hz