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

Channel Configuration Single or dual channel
Moisture Parameters Dew point °C and °F
Moisture Content Automatic pressure compensated conversions: ppmV for natural gas and ide
Dew point at a pressure input by the user for natural gas and ideal gas.
Calculations for natural gas moisture content based on either IS0 18453 or IGT#8 to customer order pre
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	¼" 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 Up to 31 Micro EExd Process Instrumentation Range Analyzers in any com
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