

Detaylı Bilgi İçin Ürün Resmine Tıklayınız



Basıncılı hava, doğal gaz ve yüksek gerilim şalt söndürme gazı gibi birçok uygulamada çiy noktasının ve

Kullanım alanı: Doğal gaz proseslerinde ve boru hatlarında çiy noktası, basıncılı hava ya da plas

Ürün Özellikleri

- T95 - -60°C için 15 dakikadan az düşük basınçta defalarca hızlı ölçümler
- Yüksek basınç ölçümleri mümkün 350 barg kadar
- Uzun pil ömrü: ücretleri arasındaki tipik kullanım 48 saate kadar
- Sezgisel uygulama kitleri örnek noktasına hızlı ve kolay bağlantı sağlar
- Dayanıklı, idare ve işletmek kolay, henüz endüstriyel ortamlarda kullanılmak üzere tasarlanmış
- Verici kalibrasyon ve doğrulama için 4-20 mA harici cihaz girişi
- Hafif: 1.5kg daha az
- 13 noktalı izlenebilir kalibrasyon sertifikası

Teknik Özellikler



MDM300



MDM300 Intrinsically Safe

Performans

Measurement Technology
Michell ceramic sensor

Accuracy $\pm 1^{\circ}\text{C}$ from -60 to $+20^{\circ}\text{C}$ dew point
 $\pm 2^{\circ}\text{C}$ from -100 to -60°C dew point
 $\pm 0.2^{\circ}\text{C}$ temperature

Calibrated Range

Spot Checks: -70 to $+20^{\circ}\text{C}$ dew point

Online Analysis: -100 to -70°C dew point

Uncalibrated Readings From

$+20$ to $+30^{\circ}\text{C}$ dew point

Measurement Units

$^{\circ}\text{C}$, $^{\circ}\text{F}$, K dew point & gas temperature ppmV,
ppmW for air, N₂, H₂, CO₂, SF₆

%RH, g/m³, g/kg

Option: active pressure (bar, g, psi, MPa, kPa) gas temperature

ppmw & g/kg for air, N₂, H₂, CO₂, SF₆

ppmv, lb/MMscf & g/m³ for natural gas

ppmv, g/m³ & %RH

Resolution (Display)

0.1 for all dew-point derived units and autoranging where appropriate

Resolution (Measurement)

Better than 0.1°C dew point

Typical Response Speed

T₉₅ in ≤ 15 minutes to -60°C

T₉₅ in ≤ 30 minutes to -60°C dew point

Elektriksel Giriş/Çıkış

Auxiliary Inputs 4-20 mA loop-powered external input selectable as either dew point, temperature, or pressure
Connection to Michell Easidew TX I.S. or Easidew PRO I.S. via Remote Sensor Interface
Battery Type
NiMH 4.8V

Battery Operating Life
Up to 48 hours of typical usage between charges
Up to 24 hours of typical usage between charges

Battery Charger
Intelligent charger (supplied)
Intelligent charger (charger not certified for hazardous area use)

Çalışma Koşulları

Operating Pressure
350 barg max
Operating Environment Outdoors 0 to +100% RH condensing

Operating Temperature -20 to +50°C

Storage/Transport Temperature
-40 to +70°C

Mekanik Özellikler

Display
Blue LCD graphical display

Enclosure Type Steel fibre-loaded high-impact polyamide 6

IP/NEMA Rating
IP66/NEMA 4

Gas Connections
1/8" NPT female (other options available)

Flow Across Sensor 0.2 to 1.2 NI/min
0.2 to 0.5 NI/min

Filters
50 micron stainless steel sinter in the inlet port

Gas Wetted Materials
AISI 316L stainless steel
AISI 316L stainless steel, PTFE Seal, Borosilicate glass, ceramic

Outline Dimensions
218 x 170 x 90mm (d x w x h)

Weight 1.35kg
1.5kg

Genel

Data Logging

8 megabytes; Log interval: 5 to 60 sec; Logs per log file: Up to 10,000

Communications

(Wireless) Bluetooth™ range up to 5m (version 2.0)

User Interface Languages

English, French, German, Italian, Portuguese, Spanish

Sertifika Kodları

CE

TEX & IECEx – EX Group II Cat 1G Ex ia IIC T4 Ga -20°C to 60°C

CSA/FM – NEC 500 Class 1 Div 1 Groups A,B,C,D T4

INMETRO - Ex ia IIC T4 Ga (-20°C to +50°C)

GOST-R, GOST-K

CE