

Detaylı Bilgi İçin Ürün Resmine Tıklayınız



Easidew I.S. (kendinden güvenli) transmitteri tüm bölgelerde (yanıcı veya patlayıcı gazlar) tasarlanmış v
Easidew bir 5/8 "UNF proses bağlantısı ya da alternatif bir G1 / 2 ile" ile BSP veya 3/4 "UNF proses bağ
Michell Instruments İleri Seramik Nem Sensörü teknolojisi tabanlı transmitteri, uluslararası standartlard

Ürün Özellikleri

- IECEx, CSA, FM, tehlikeli alanlarda kullanım için ATEX sertifikalı verici
- 5/8 " UNF , G1 / 2"
- Çiy noktası veya ppmv
- 2 - tel halka güç
- Sağlam 316 paslanmaz çelik IP66 yapı
- Ölçüm aralığı -100°C - (+ 20)°C
- Doğruluk 2° Cdp ±
- Kalibrasyon Sertifikası (NPL, NIST)

Teknik Özellikler

Performans

Measurement Range	-100 to +20°C dew point
Accuracy	±2°C dew point
Response Time	5 mins to T95 (dry to wet)
Repeatability	0.5°C dew point
Calibration	Traceable 7-point calibration certificate

Elektriksel Özellikler

Output Signal	4-20 mA (2-wire connection, current source)
User-configurable over range	Output Dew point, moisture content in ppmV
Analog Output Scaled Range	Dew point: -100 to +20°C
Moisture content in gas:	0 - 3000 ppmV
Non-standard available upon request	Supply Voltage 12 to 28 V DC
Load Resistance	Max 250 Ω @ 12 V (500 Ω @ 24 V)
Current Consumption	20 mA max
CE Marked	Certified

Çalışma Özellikleri

Operating Temperature -40 to +70°C

Operating Pressure 45 MPa (450 barg) maximum

Overpressure Rating

x2 operating pressure 90 MPa (900 barg)

Flow Rate

1 to 5 NI/min mounted in standard sampling block

0 to 10 m/sec direct insertion

Temperature Coefficient Temperature compensated across operating temperature range

Mekanik Özellikler

Ingress Protection Sensor

IP66 in accordance with standard BS EN 60529:1992

NEMA 4 in protection accordance with standard NEMA 250-2003

Hazardous Area Certificates

ATEX - II 1 G Ex ia IIC T4 (-20°C ≤ Ta ≤ +70°C)

FM - IS / I / 1 / ABCD / T4 Ta = +70°C

FM - IS / I / I / ABCD / T4 Ta = +70°C

CSA - IS Class 1 Div 1 Groups ABCD T4

IECEX - Ex ia IIC T4 (-20°C ≤ Ta ≤ +70°C)

Housing Material 316 Stainless steel

Dimensions L=132mm x Ø45mm (with connector)

Filter (Sensor Protection) Standard: HDPE Guard <10µm

Optional: 316 stainless steel sintered guard <80µm

Process Connection and Material

5/8"- 18 UNF

Alternatives: G1/2" BSP or 3/4"- 16 UNF 316 stainless steel

Weight 150g

Interchangeability

Fully interchangeable transmitter

Electrical Connections Hirschmann GDS series (DIN 4350-C)

Durum

Diagnostic Conditions

(Factory Programmed)

Sensor fault

Under-range dew point

Over-range dew point

Approved Galvanic Isolators

KFD2-CR-EX1.20200

KFD2-CR-EX1.30200

KFD0-CS-EX1.50P

KFD0-CS-EX2.50P

Çıkışlar

Diagnostic Conditions

(Factory Programmed)

23 mA

4 mA

20 mA

Approved Galvanic Isolators

KFD2-STC4-EX1.H

MTL5041

MTL5040