

Detaylı Bilgi İçin Ürün Resmine Tıklayınız



Bu küçük transmitter, ultra yüksek saflıkta gazların nem içeriğinin ölçümü için özel olarak tasarlanmış sa

Kullanımı ve kurulumu basit, Pura 2-tel, 3-tel ve tehlikeli alan sürümleri mevcuttur ve özel ihtiyaçların ka

Kullanım alanları: Saf gazlar, fiber optik üretimi, yarı iletken üretimi, elektronik bileşenlerin üretimi,

Ürün Özellikleri

- Ölçüm aşağı aralığı -120°Cdp (1ppbV)
- Kararlı ve tekrarlanabilir ölçüm
- Analog ve dijital çıkış
- Basit kurulum
- VCR süreci bağlantıları
- İsteğe bağlı görüntü / alarm ünitesi
- Kompakt tasarım
- Hızlı cevap
- İsteğe bağlı Tehlikeli Alan Onayı
- Servis değişim programı

Teknik Özellikler

Sensör

Sensör Tipi Advanced Ceramic Moisture Sensor

Range -120 to -40°Cdp (calibrated from -100 to -40°C)

Accuracy $\pm 1^\circ\text{C}$ from -40 up to -60°Cdp

$\pm 2^\circ\text{C}$ from -60 up to -100°Cdp

$\pm 4^\circ\text{C}$ from -100 to -120°Cdp (estimated)

Operating Pressure

Minimum 10⁻⁷ Pa (10⁻⁷ torr)

Maximum 24 MPa (240 barg)

Operating Temperature

-40 to +60°C

Flow Rate

1 to 5 NI/min

Elektrik / Elektronik

Power

Nominal 24 V DC, 10-28 V DC maximum current 25 mA 2 or 3-wire configuration

Output PUR-TX-2W: 4 to 20mA 2-wire
PUR-TX-3W: 4 to 20mA 3-wire
PUR-AOL-SEN only: Digital String (RS485)
Cable with Display
PUR-OL & PUR-IS-OL: 2m (standard) / 5 or 10m (optional)
PUR-AOL: 2m (standard) / 5 or 10m (optional)

Mekanik

Sensor Block Premium and OEM version: Cold drawn stainless steel, 0.1 - 0.2 Ra μm elec
Pressure Connections Premium and OEM version: 1/4" male VCR connection
Pura Sensor version: 1/2" male VCR connection
Installation Profile
Premium and OEM version: 120mm pitch, drop in across gas port face seals
Zero pipe clearance required
2 off M4 x 0.7, 7mm deep mounting holes in block, diagonally opposed at 20 x 20mm pitch
Pura Sensor version: fits into user's 1/2" VCR configured port

Overall Dimensions Premium and OEM version: 120 x 35 x 150mm (w x d x h)
Pura Sensor version: 132 x $\varnothing$ 35mm

Weight Premium and OEM versions: 450g
Pura Sensor version: 180g

Packaging Pura Premium: Double bagged and sealed in UHP inert gas
Pura OEM & Pura Sensor: Single bagged in 1000 gauge polythene
All options: shipped individually in profiled sponge protection and carton
Pura Sensor version supplied with protective guard over sensor surface for transportation and handling

Service Exchange Available on the Pura Sensor (SEN) 1/2" VCR connection

Gelişmiş Çevrimiçi Monitörler: PUR-AOL

Measurement Units °F, °Cdp; ppmV and ppbV with user-selectable range and resolution
Secondary measurement Possible via external transducer 0-30 MPa (300 variable barg)
Completely user-configurable for any industry standard transducer
Automatic compensation for ppmV and ppbV
Power Supply
Universal 85 to 265 V AC; 95 to 370 V DC
Ingress Protection IP54 (NEMA 12); IP66 (NEMA 4X) for front panel only with optional cover
Operating Temperature
0 to +50°C
Relays

2 off 10 A / 240 V c/o fully user-configurable: can accommodate full range for selected engineering unit

Display Resolution

5 Digit

Outputs: Analogue

4-20 mA fully user-configurable and scaleable for range

Outputs: Digital

RS232: provides 2-way communication - full data access to user and total a

Seçenekler

Power Supply

18 to 36 V AC; 9 to 60 V DC

Relays

1 or 2 further 5 A relays (max 4 in total) n/o type fully user configurable: can accommodate full range +

Outputs: Analogue

0-10 V fully user-configurable and scaleable for range

Outputs: Digital

RS485