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DRM Technic

Suppliers of Gas Analysis Equipment

OXYMAT 61 Continuous Oxygen Analyser

OXYMAT 61 EXTRACTIVE CONTINUOUS OXYGEN ANALYSER

The OXYMAT 61 gas analyser works via the paramagnetic alternating pressure method. It is specified for the measurement of oxygen in sample gases in standard applications.



FEATURES

Integrated Pump for Reference Gas
High Linearity | Compact Design
Physically Suppressed Zero Possible

SPECIFICATIONS

PN	OXYMAT 61
Measuring Ranges	4, Internally and Externally Switchable. Autoranging is Also Possible.
Span Range	2 / 5 vol.% O ₂ ... 100 vol.% O ₂
Sample Gas Pressure	800 ... 1200 hPa abs.
Sample Gas Flow	18 ... 60 l/h (0.3 .. 1 l/min)
Sample Gas Temp.	0 ... 50 °C, but above the Dew Point
Sample Gas Humidity	< 90 % RH
Reference Gas Pressure	High Pressure Version: 2,000 ... 4000 hPa Above Sample Pressure; Max. 5000 hPa Low Pressure Version: Min. 100 hPa Above Sample Gas Pressure
Ambient Temp.	- 30 ... + 70 °C (storage and transportation) 5 ... 45 °C (operation)
Ambient Humidity	< 90 % RH
Warm-Up Period	At Room Temperature: < 30 min (technical specs. will be met after 2 hours)
Delayed Display (T ₉₀)	3.5 secs, Depending on Version
Damping	0 ... 100 sec, Configurable
Dead Time	Approximately 0.5 ... 2.5 secs, Depending on Version
Pressure Sensor Correction Range	Internal: 500 ... 2000 hPa abs.
Power Supply	100 ... 200 V AC, 48 ... 63 Hz 200 ... 240 V AC, 48 ... 63 Hz
Power Consumption	Approx. 35 VA

CONTACT US: DRM Technic, 15C Raleigh Hall Industrial Estate, Stafford, Staffordshire, ST21 6JL



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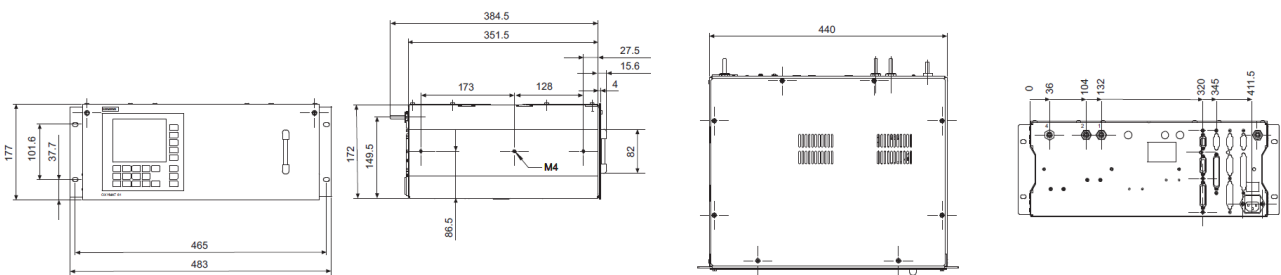
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SPECIFICATIONS (cont.)

PN	OXYMAT 61
Output Signal Fluctuation	< ± 0.75 % of the Smallest Possible Measuring Range, with Electronic Damping Constant of 1 sec
Zero Point Drift	< ± 0.5 %/month of the Smallest Possible Span According to Rating Plate
Measured Value Drift	< ± 0.5 %/month of the Current Measuring Range
Repeatability	< 1 % of the Current Measuring Range
Detection Limit	1% of the Current Measuring Range
Linearity Error	< 0.1 % of the Current Measuring Range
Analog Outputs	0/2/4 ... 20 mA, Isolated; Max. Load 750 Ω
Outputs Inputs	6 Relay Outputs 2 Analog Inputs 6 Binary Inputs
Serial Interface	RS485
Degree of Protection	IP20 according to EN 60529 CE Mark in Accordance with EN 5008-1-1, EN 50082-2
Weight	Approx. 13 kg

TECHNICAL DRAWINGS



For more information, please contact our sales department (contact details below)

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