



AF-361e Display Trace Oxygen Transmitters 4-20mA/0-10V 0-1000 ppmV



AF-361e

Avcray Instruments is an international leader in high-precision sensing, with 10 years' experience in the field, specialising in instrumentation for dew point, relative humidity and oxygen analysis. The company serves industries as diverse as petrochemical and pharmaceutical to power generation and food processing.

- Easy user calibration procedure
- Low maintenance and long life sensor expectancy





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Sample connections	KF40 Port
Sensor	Fuel Cell
Lower detection limit	0.05 ppmV
Measuring range	0 ... 1000 ppmV
Resolution	0.1 ppm
Value display	Display
Analogue output	4 ... 20 mA / 0 ... 10 V
Connection socket	8 - pin
Measuring cable	2 m open cable ends
Body material	Stainless steel
Sensor material	Noble metal on glass or ceramic carrier
Leakage rate	$< 5 \times 10^{-8}$ mbar x l / s ⁻¹
Measuring gas temperature	+5 ... +65 °C
Measuring gas pressure	max. 200 mbar
Measuring accuracy	+/- 5% of value, mind. 0,4 ppmV
	Response time in a moisture event < 1 sec
	Return time, T50 < 2 min
Warm up time	Highly dependent on the measuring conditions
Reproducibility	By 10,0 ppmV +/- 5%
Dimensions	58mm X 80mm X 200mm
Weight	0.7 kg



Applications

- Monitoring of clean rooms, for example glove boxes
- Monitoring of protective gas and gas purge systems
- Chemical industries
- Producer and user of technical and medical gases
- Microelectronics
- Monitoring and checking of compressed air systems
- Machinery - equipment engineering
- Refrigeration systems
- Research and laboratories

