# SPECIFICATION SHEET FOR CO SENSOR TYPE CO/SFA-200

## **PERFORMANCE CHARACTERISTICS**

Nominal Range 0	
	0 – 200 ppm
Maximum Overload 4	400 ppm
Inboard Filter T	To remove acid gases
Expected Operation Life 3	3 years in air
Output Signal 4	475 ± 125 nA/ppm
Resolution 0	D.1 ppm
Temperature Range -	- 20 °C to 45 °C
Pressure Range A	Atmospheric ± 10%
Pressure Coefficient N	No data
T <sub>90</sub> Response Time	< 40 sec
Relative Humidity Range 1	15 % to 90 % R.H.
n	non-condensing
Typical Baseline Range (pure -	-1 to +1 ppm
air, 20°C)	
Maximum Zero Shift (+20°C 2	2 ppm
to +40°C)	
Expected Long Term Output <	< 2% signal loss/month
Drift	-
Recommended Load Resistor 1	10 Ohm
Bias Voltage	Not recommended
Repeatability <	< 2 % of signal
Output Linearity L	Linear

## **CROSS-SENSITIVITY DATA**

Interfering Gas	Cross-Sensitivity (%)
H <sub>2</sub> S	0
SO <sub>2</sub>	0
NO	0
NO <sub>2</sub>	0
H <sub>2</sub>	< 15

Performance data conditions: 20 °C, 50% RH and 1013 mbar

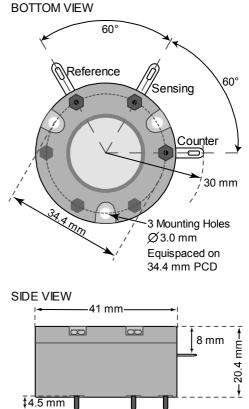
### **APPLICATIONS**

CO Detection in CO/H<sub>2</sub>-Mixtures Stack/ Flue Gas Monitoring

## PHYSICAL CHARACTERISTICS

Weight	~ 32 g
Position Sensitivity	None
Storage Life	Six months in
_	container
Recommended Storage	5 °C – 20 °C
Temperature	
Warranty Period	12 months from date
-	of dispatch

#### **Standard-Size Outline Dimensions**



Ø1 mm Pins on 34.4 mm PCD

Pin Projection

The data contained in this document is for guidance only. Membrapor AG accepts no liability for any consequential losses, injury or damage resulting from the use of this document or the information contained within it. The data is given for guidance only. Customers should test under their own conditions, to ensure that the sensors are suitable for their own requirements.

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