# SPECIFICATION SHEET FOR H<sub>2</sub> SENSOR TYPE H<sub>2</sub>/SA-1000

## PERFORMANCE CHARACTERISTICS

0 – 1'000 ppm
2'000 ppm
2 years in air
17 – 40 nA/ppm
2 ppm
0 ℃ to 45 ℃ <sup>1)</sup>
Atmospheric ± 10%
No data
< 50 sec
15 % to 90 % R.H.
non-condensing
< 10 ppm
No data yet
< 2% signal loss/month
10 Ohm
Not recommended
< 5 % of signal
Linear

<sup>&</sup>lt;sup>1)</sup> CO cross sensitivity can be > 5% below 0 ℃.

# **CROSS-SENSITIVITY DATA**

Interfering Gas	Concentration	Reading
СО	100 ppm	< 2 ppm <sup>2)</sup>

<sup>&</sup>lt;sup>2)</sup> for temperature ≥ 20 °C

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

#### **APPLICATIONS**

H<sub>2</sub> Detection in H<sub>2</sub>/CO-Mixtures Safety and Environmental Control

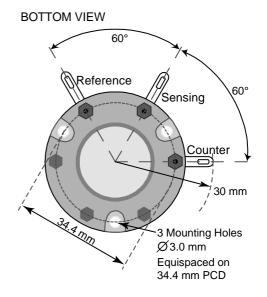
#### Note:

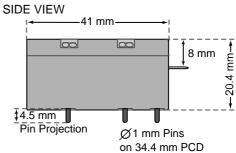
The sensor must be operated by using a suitable gas ket for gas flow exposure

## PHYSICAL CHARACTERISTICS

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

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





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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