

## ELECTROCHEMICAL SENSOR

Type: AC8.W\*

### Description

The sensor is formed on a corundum ceramic base. On to this surface four working electrodes are applied. Electrodes are made of variety of materials (see below). At the end of the sensor there is a contact. It is connected with the active part by the silver conducting path which is covered by a dielectric protection layer. A bio-chemically active substance can be put the working electrodes of the sensor.

### Physical parameters

#### *Dimensions:*

Weight: 1.1 gms  
 Length: 50.80 mm  
 Width: 8.47 mm  
 Thickness: 0.63 mm

A =  $4.54 \pm 0.05$  mm  
 D =  $1.00 \pm 0.05$  mm

Electrode Materials are defined by:

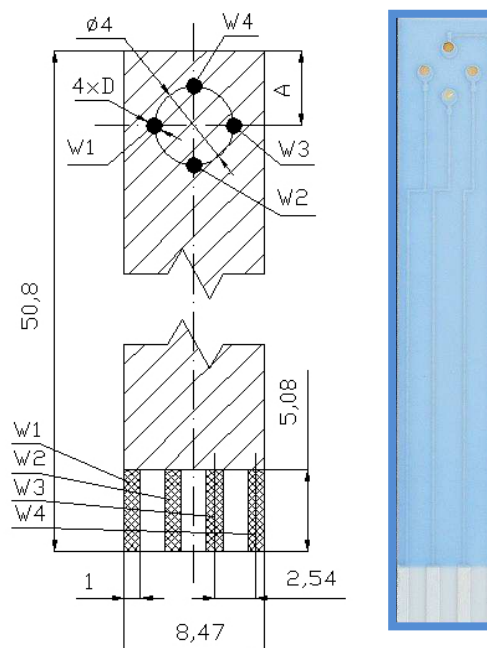
**AC8.W\***

The asterisk is replaced by the appropriate number or letter.

<b>A - Amperometric sensor or electrode</b>	<b>1 - Pure Gold</b>
<b>C - Corundum ceramic base</b>	<b>2 - Pure Platinum</b>
<b>8 - Sensor group reference number</b>	<b>3 - Pure Silver</b>
<b>W - Working electrode material</b>	<b>4 - Graphite</b>
<b>S - Alloy of Gold and Platinum</b>	

### Connector types for AC8 sensors range

	<b>KA8</b>
AC8.W*	✓



### **Sensor Usage**

This specific range of AC8 sensors enables the measurement of:

- 4 independent species (modified by enzyme, DNA, antibody, etc.)
- multianalyte detection

### **Examples of Order**

- 100 pieces - AC8.W2

### **Ordering information**

- The order is specified by whole sensor description formula
- Minimum order quantity - 10 sensors
- All order quantities are to be in multiples of 10 e.g. 10, 20, 30, etc.
- Delivery time for standard AC8 sensors is 4 weeks from receipt of order
- Delivery time for non-standard AC8 sensors depends on final technical specification of order