

## ELECTROCHEMICAL SENSOR

Type: AC4.W\*

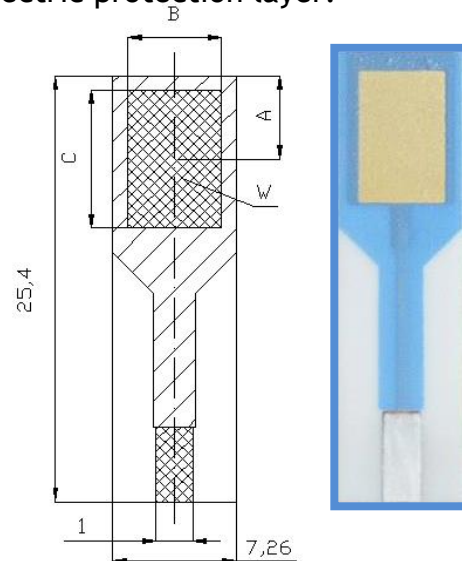
### Description

The sensor is formed on a corundum ceramic base. On to this surface working electrode is applied. The working electrode is made of variety of materials. At the end of the sensor there is a contact which is connected with the active part by the silver conducting path which is covered by a dielectric protection layer.

### Physical parameters

Weight: 0.6 gms  
 Length: 25.40 mm  
 Width: 7.26 mm  
 Thickness: 0.63 mm

A =  $5.20 \pm 0.05$  mm  
 B =  $4.60 \pm 0.05$  mm  
 C =  $7.30 \pm 0.05$  mm



Electrode Materials are defined by:  
 AC4.W\*

The asterisk is replaced by the appropriate number or letter.

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

### Connector types for AC4 sensors range

|        | KA1 | KA1.S | KA1.C | KA4 |
|--------|-----|-------|-------|-----|
| AC4.W* | ✓   | ✓     | ✓     | ✓   |

### Sensor Usage

This specific range of AC4 sensors enables the measurement of:

- Auxiliary electrode
- Working electrode with extremely big surface

### **Evaluating Units**

- Any polarographic analyzer

### **Examples of Order**

- 100 pieces - AC4.W2

### **Ordering information**

- The order is specified by whole sensor description formula
- Minimum order quantity - 20 sensors
- All order quantities are to be in multiples of 20 e.g. 20, 40, 80, etc.
- Delivery time for standard AC4 sensors is 4 weeks from receipt of order
- Delivery time for non-standard AC4 sensors depends on final technical specification of order

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