

## ELECTROCHEMICAL SENSOR

Type: AC3.W\*

### Description

The sensor is formed on a corundum ceramic base. On to this surface the 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 paths which are covered by a dielectric protection layer. A bio-chemically active substance can be immobilised on the working electrode of the sensor.

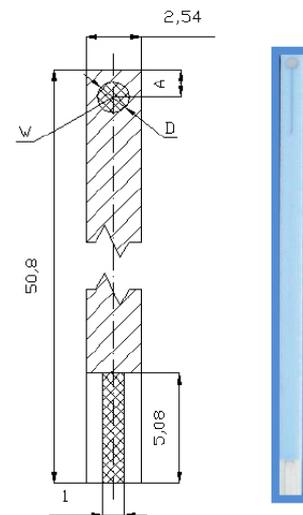
### Physical parameters

#### *Dimensions:*

Weight: 0.3 gms  
 Length: 50.80 mm  
 Width: 2.54 mm  
 Thickness: 0.63 mm

A = 1.25 ± 0.05 mm

DW = 1.00 mm



Electrode Materials are defined by:

AC3.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
3 - Sensor group reference number	3 - Pure Silver
W - Working electrode material	4 - Graphite
S - Alloy of Gold and Platinum	

### Sensor Usage

This specific range of AC3 sensors enables the measurement of:

- Single working electrode from different material

### Evaluating Units

- AEW2 (Sycopel - [www.sycopel.com](http://www.sycopel.com))
- Any polarographic analyzer

### **Examples of Order**

- 100 pieces - AC3.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, 60, etc.
- Delivery time for standard AC3 sensors is 4 weeks from receipt of order
- Delivery time for non-standard AC3 sensors depends on final technical specification of order

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