

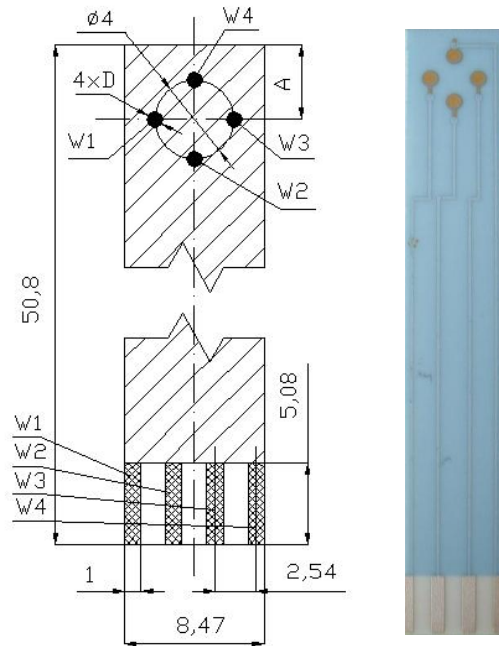
ELECTROCHEMICAL SENSORS

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.

A	4.54 ± 0.05 mm
C	1,00 ± 0.05 mm



Physical parameters:

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

Electrode Materials

are defined by: **AC8.W***

The asterisk is replaced by the appropriate number or letter

A - Amperometric sensor or electrode	2 - Pure Platinum
C - Corundum ceramic base	3 - Pure Silver
8 - Sensor group reference number	4 - Graphite 1 (7101)
W - Working electrode material	
S - Alloy of Gold and Platinum	
1 - Pure Gold	

Sensor Usage:

This specific range of AC8 sensors enables the measurement of:

- 4 independent species

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

The explicit list of materials used for electrode preparation

Type of Sensor	Electrode Material	Conducting Paths
	Working	
AC8.WS	PtAu (15 / 85%)	Ag
AC8.W1	AuPd (98 / 2%)	Ag
AC8.W2	Pt (100%)	Ag
AC8.W3	AgPd (98 / 2%)	Ag
AC8.W4	C (7101)	Ag