

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. Different bio-chemically active substances can be immobilised on 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 ± 0.05 mm

D = 1.00 ± 0.05 mm

Electrode Materials are defined by:

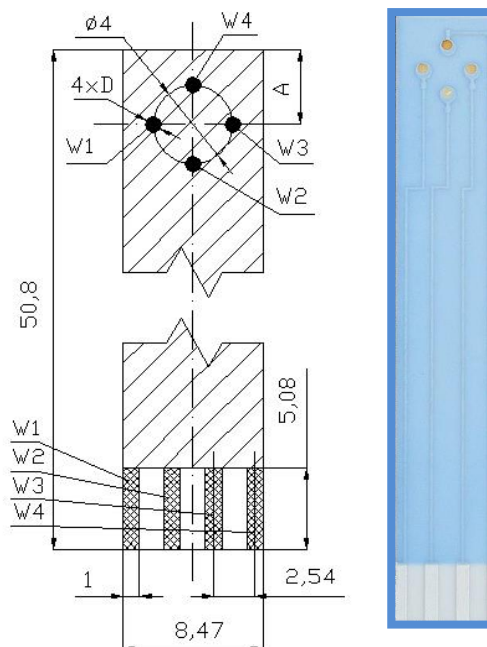
AC8.W*

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

Connector types for AC8 sensors range

	KA8.S
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