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ELECTROCHEMICAL SENSOR

Type: AC10.W*.R*

Description

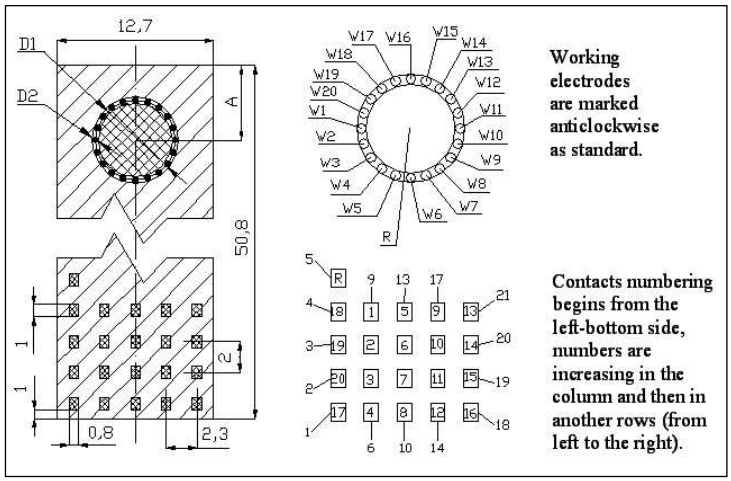
The sensor is formed on a corundum ceramic base. On to this surface twenty working electrodes, and the reference electrodes are applied. The working electrodes are made of Gold and the reference one is made of Silver in standard product AC10.WS.RS. At the end of the sensor there is a contacting field 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 is put on the working electrodes of the sensor.

Physical parameters

Dimensions:

Weight:	1.5 gms
Length:	50.80 mm
Width:	12.70 mm
Thickness:	0.63 mm

A = 7.00 ± 0.05 mm
D_1 = 7.00 ± 0.05 mm
D_2 = 0.60 ± 0.05 mm



Electrode Materials are defined by:

AC10.W*.R*

The asterisk is replaced by the appropriate number or letter.

A - Amperometric sensor or electrode	**3 - Pure Silver**
C - Corundum ceramic base	**4 - Graphite**
10 - Sensor group reference number	**R - Reference electrode material**
W - Working electrode material	**S - Silver**
S - Alloy of Gold and Platinum	**1 - Silver / Silver Chloride**
1 - Pure Gold	**2 - Silver covered by AgCl**
2 - Pure Platinum	

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Connector types for AC10 sensors range

	KA10
AC10.W*.R*	✓

Sensor Usage

This specific range of AC10 sensors enables the measurement of:

- Complex electrochemical with array of electrodes

Ordering Information

- The order is specified by whole sensor description formula
- Minimum order quantity – 5 sensors
- All order quantities are to be in multiples of 5 e.g. 5, 10, 15, etc.
- Delivery time for standard AC10 sensors is 4 weeks from receipt of order
- Delivery time for non-standard AC10 sensors depends on final technical specification of order

Example of Order

- 100 pieces – AC10.W2.R1