

## CONNECTOR FOR ELECTROCHEMICAL SENSOR

**Type: KA3.S**

### DESCRIPTION

Connector for connecting BVT screen printed sensor to a potentiostat

**Suitable sensors** AC3

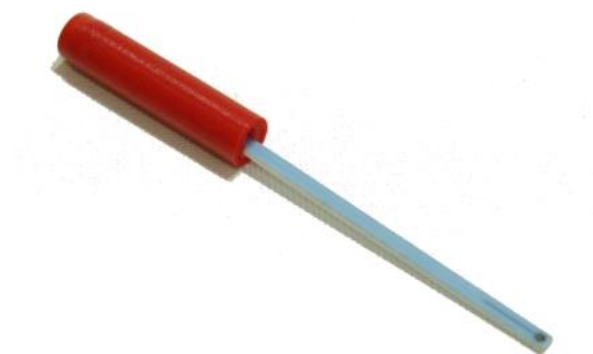


Figure 1: Connector KA3.S with sensor AC3

### PHYSICAL PARAMETERS

|                |       |    |                  |      |    |
|----------------|-------|----|------------------|------|----|
| <b>Weight:</b> | 15.00 | g  | <b>Diameter:</b> | 8.50 | mm |
| <b>Length:</b> | 28.00 | mm |                  |      |    |

| TYPE  | TERMINATION                    | COMPATIBLE EVALUATION UNIT |
|-------|--------------------------------|----------------------------|
| KA3.S | one female banana<br>plug 2 mm | any device                 |

### RECCOMENDED ACCESORIES

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Electrochemical sensor AC3 | <a href="https://bvt.cz/produkt/ac3/">https://bvt.cz/produkt/ac3/</a>                                     |
| Connecting cable           | <a href="https://bvt.cz/produkt/cables-for-electrodes/">https://bvt.cz/produkt/cables-for-electrodes/</a> |

### EVALUATION UNITS

Recommended potentiostats

|                 |                                                                                                                                                               |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PalmSens</b> | <a href="https://bvt.cz/kategorie-produktu/potentiostats/palmsens-potentiostats/">https://bvt.cz/kategorie-produktu/potentiostats/palmsens-potentiostats/</a> |
| <b>BVT</b>      | <a href="https://bvt.cz/produkt/gx102-potentiostat/">https://bvt.cz/produkt/gx102-potentiostat/</a>                                                           |
| <b>eDAQ</b>     | <a href="https://bvt.cz/kategorie-produktu/potentiostats/edaq-potentiostats/">https://bvt.cz/kategorie-produktu/potentiostats/edaq-potentiostats/</a>         |

### HANDLING

Insert the sensor into the connector. Into the opposite part of the connector with female banana plug 2 mm could be directly inserted male banana plug 2 mm from the potentiostat.

During the experiment, care must be taken that liquid does not get into the connector contacts. Measurement problems may be caused due to wetness at the contact ends within the connector - if this happens, remove the sensor from the connector, and dry the connector.

For more information see:

<https://bvt.cz/wp-content/uploads/2024/01/AC1.sensor-influence-of-connector.pdf>



Figure 2: Cable CABLE.WE.banana 2 mm with Connector KA3.S with sensor AC3

## STORAGE

Store in a dry environment to prevent contact corrosion.

## ORDERING INFORMATION

The order is specified by whole product code.

Minimum order quantity – 1 KA3.S connector

### Example of order

3 pcs – KA3.S

## DELIVERY TIME

Delivery time for standard KA3.S connector is a maximum 4 weeks from receipt of order.

Delivery time for non-standard KA3.S connector depends on final technical specification of order.