

SPE CONNECTOR FOR ELECTROCHEMICAL SENSOR

Type: SPE connector

DESCRIPTION

Connector for connecting BVT screen printed sensor to a potentiostat

Suitable sensors AC1, AC13, TS



PHYSICAL PARAMETERS

Weight:	9.00	g	Width:	30.00	mm
Length:	35.00	mm	Thickness:	10.00	mm

TERMINATION

TYPE	TERMINATION		COMPATIBLE EVALUATION UNIT
	end 1 (sensor)	end 2 (potentiostat)	
SPE connector	slot for SPE sensor with width 7.26 mm and standard contact pads pitch (2.54 mm)	three female banana plugs 2 mm	any device with male banana plugs 2 mm

RECOMMENDED ACCESSORIES

Electrochemical sensors AC1, AC13, TS	https://bvt.cz/kategorie-produktu/sensors/screen_printed_electrodes/
MAC Microreactor	https://bvt.cz/produkt/mac/
Connecting cable	https://bvt.cz/produkt/cables-for-electrodes/

EVALUATION UNITS

Recommended potentiostats

PalmSens

<https://bvt.cz/kategorie-produktu/potentiostats/palmsens-potentiostats/>

eDAQ

<https://bvt.cz/kategorie-produktu/potentiostats/edag-potentiostats/>

HANDLING

Insert the sensor into the connector. Male banana plugs 2 mm from the potentiostat should be inserted to the female parts of the connector (**WE**, **RE**, **CE**).

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>



STORAGE

Store in a dry environment to prevent contact corrosion.

ORDERING INFORMATION

The order is specified by whole product code.

Minimum order quantity – 1 SPE connector

Example of order

1 pc – SPE connector

DELIVERY TIME

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

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