Innovative Sensor Technology

physical. chemical. biological.

# SIX.050.045.100.N.C.U

## Biosensor transmitter

## For bioanalytical applications

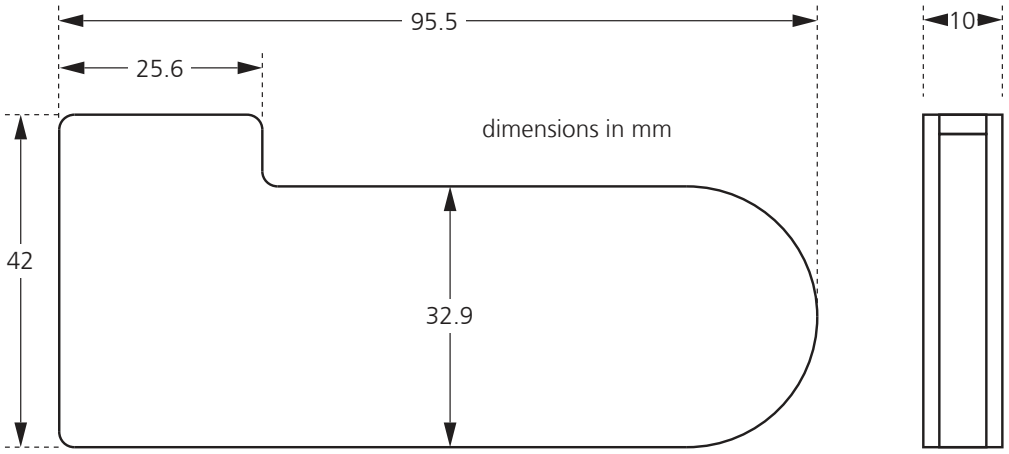
## A product of Jobst Technologies

### Benefits & Characteristics

- 6-channel poly-potentiostat with fixed working potential
- Evaluation Kit compatible with B.LV5 and B.IV4 enzymatic biosensors
- Bipolar current measurement range
- Evaluation software Biomon available for Windows
- Easy connectivity with USB or TTL UART
- For industrial applications

### Illustration

Encased „Six“ with USB-connectivity for PC operation (dimensions in mm):




### Technical Data

| | |
|---|---|
| Dimensions (L x W x H in mm): | 95 x 42 x 10 |
| Digital interface (serial protocol syntax supplied): | USB 2.0 (Virtual Serial COM) |
| Power: | From USB |
| Compliance: | ±1 V |
| Current (min/max): | -50 nA to +50 nA (per channel) |
| Current resolution: | 2 pA (typical RMS noise: 20 pA) |
| Working voltage: | +0.45 V (working vs. reference electrode) |
| Readings per second: | 0.6 |
| Temperature compensation: | Built-in on board |
| Connector type: | Right angle micro edge card socket (MEC6-RA, 40, 0.635 mm) |

| | |
|---|---|
| Connectivity to sensor: | Packaged B.LV5 Biosensor fits directly (no further cable required); alternatively, general purpose screw terminal connectors are available |
| Software: | Windows-based evaluation software (evaluation license valid for 100 days, contact IST AG for more options) |

## Product Photo:


## Order information – Encased Biosensor Transmitter

| Description: | Item number: | Former main reference: |
|---|---|---|
| SIX.050.045.100.N.C.U | 105452 | 600.00119 |

## Disclaimer

*Not for medical, diagnostics and use on humans. This is an Evaluation Kit solely destined for professionals to be used solely at research and development facilities for such purposes. For more information contact IST AG.*

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