



# Six

## Biosensor transmitter

### For bioanalytical applications

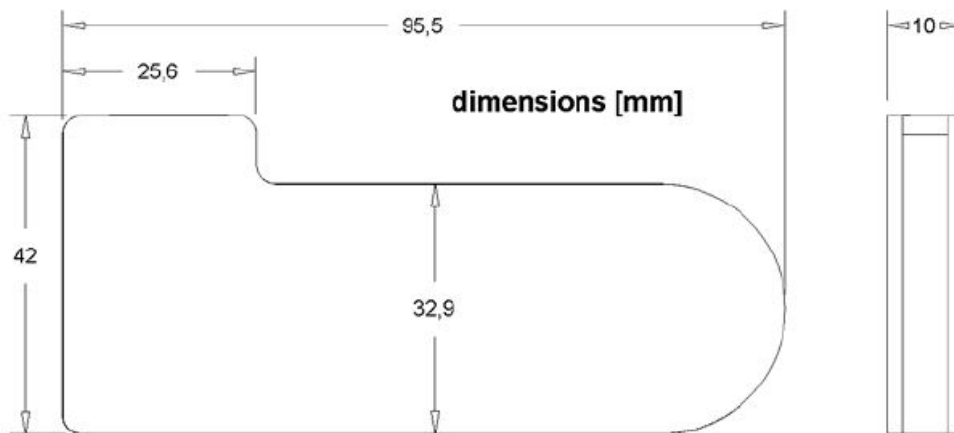
### A product of Jobst Technologies

#### Benefits & Characteristics

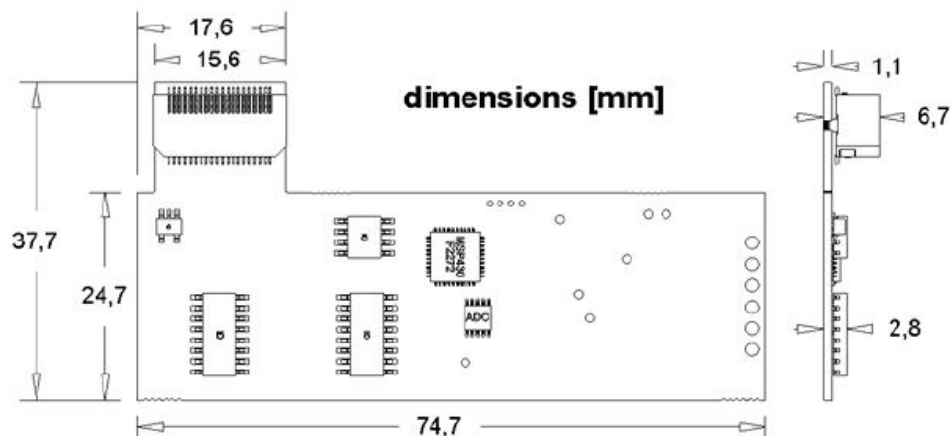
- 6-channel poly-potentiostat with fixed working potential
- Evaluation Kit compatible with B.LV5 and B.IV4 enzymatic biosensors
- Bipolar current measurement range
- Evaluation software Biomon available for Windows
- Easy connectivity with USB or TTL UART
- OEM version available
- For industrial applications

#### Illustration

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

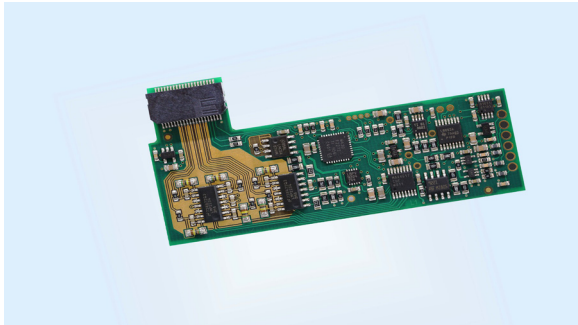


Bare „Six“ with TTL UART-connectivity for OEM integration (dimensions in mm)::





## Product Photos



„Six“ Transmitter



„Six“ with housing and USB connector

## Technical Data

	Encased	Bare OEM
Dimensions (L x W x H in mm):	95 x 42 x 10	75 x 38 x 7
Digital interface (serial protocol syntax supplied):	USB 2.0 (Virtual Serial COM)	Bare TTL UART (3.3V)
Power:	From USB	+3.3 V to +5V supply required; 5 mA
Compliance:	±1 V	
Current (min/max):	-50 nA to +50 nA (per channel)	
Current resolution:	0.003 nA (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)	



## Order information – Encased Biosensor Transmitter

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Reference	SIX.050.045.100.N.C.U
Order code	105452
Former order code	600.00119

## Order information – Bare OEM Biosensor Transmitter

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Reference	SIX.050.045.100.B.C.B
Order code	105453
Former order code	600.00120

## Disclaimer

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*Evaluation product for professionals to be used solely for research and development purposes! Not for medical and diagnostic use. Not to be used on humans. For more information contact IST AG.*

