



Six

Biosensor transmitter

For bioanalytical applications

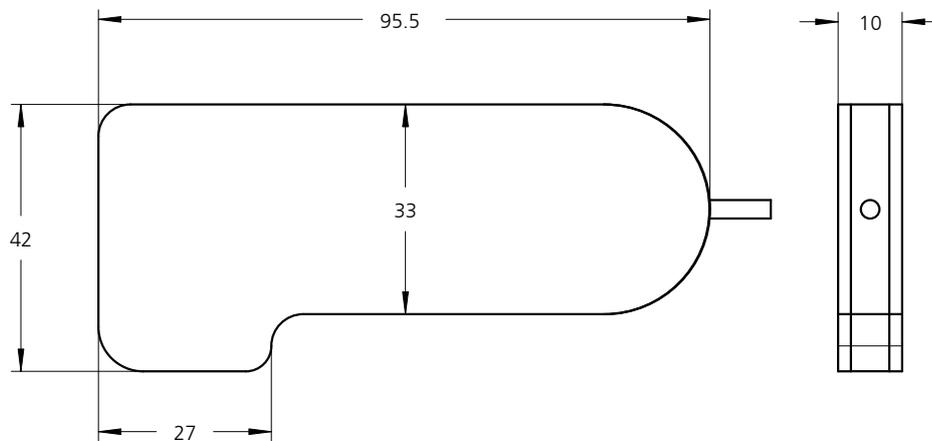
A product of Jobst Technologies

Benefits & Characteristics

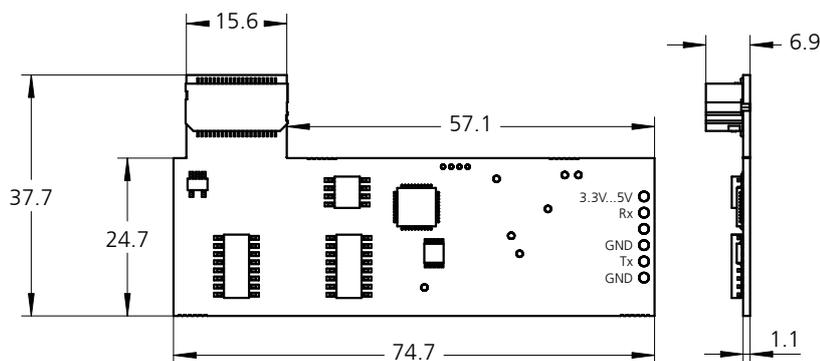
- 6-channel poly-potentiostat with fixed working potential
- Evaluation Kit compatible with B.LV5 and B.IV4 enzymatic biosensors
- Bipolar current measurement range
- Evaluation software bioMON available for Windows (*)
- Easy connectivity with USB or TTL UART
- OEM version available
- For industrial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



(*) Available for download at <https://www.jobst-technologies.com/products/instrumentation/>



Product Photos



SIX OEM Transmitter



SIX encased Transmitter with 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	

Order information

	Encased	Bare OEM
Reference	SIX.050.045.100.N.C.U	SIX.050.045.100.B.C.B
Order code	105452	105453
Former order code	600.00119	600.00120

Disclaimer

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.



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