



Six

Biosensor transmitter

For bioanalytical applications

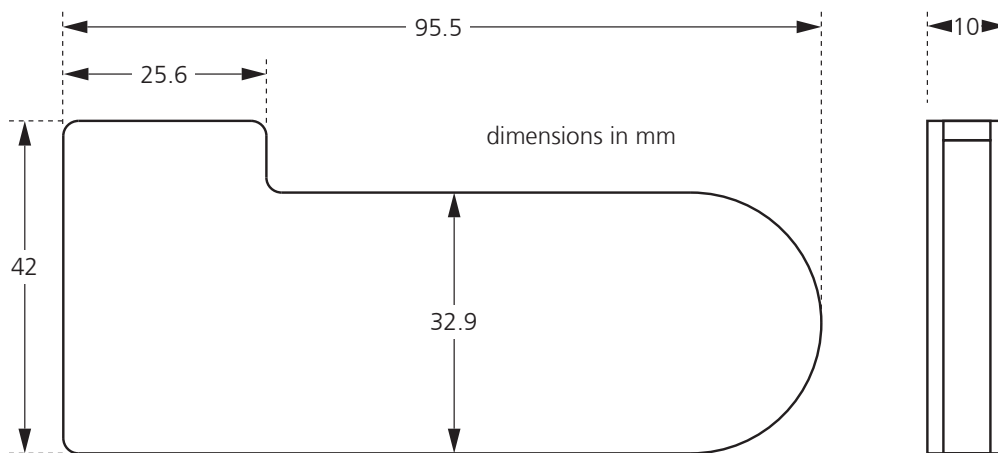
A product of Jobst Technologies

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):

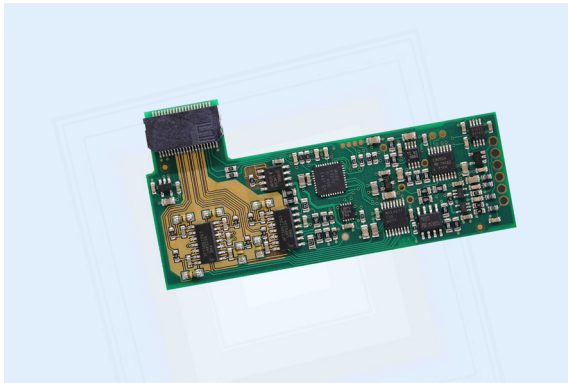


Bare „Six“ with TTL UART-connectivity for OEM integration (dimensions in mm)::





Product Image



Bare „Six“ for OEM integration



Encased „Six“ 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:	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)	



Order information – Encased Biosensor Transmitter

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

Order information – Bare OEM Biosensor Transmitter

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

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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