

4-Channel Invasive Blood Pressure M4IBP

The M4IBP invasive pressure module is used in clinical ICU\CCU\OR and other places to measure invasive pressure.



Dimension : 87 mm x 45 mm x 15 mm

Features

- > Four-channel independent IBP measurement, including: systolic blood pressure, diastolic blood pressure, average blood pressure, pulse rate calculation
- > Support setting IBP channel information
- > Support setting IBP average time
- > Support zero calibration and calibration operations of each IBP channel
- > Support filter setting of each IBP channel

Specifications

PR

Range: 25~300bpm
Accuracy: ± 3 bpm
Resolution: 1bpm

IBP

Range: -50~400mmHg
Accuracy: ± 2 mmHg or $\pm 1\%$ (Whichever is greater)
Resolution: 1mmHg

Applicable sensor

Sensitivity:5uV/mmHg
Impedance::300-5000 Ω

Compliance

Standard: IEC 60601-2-34:2014

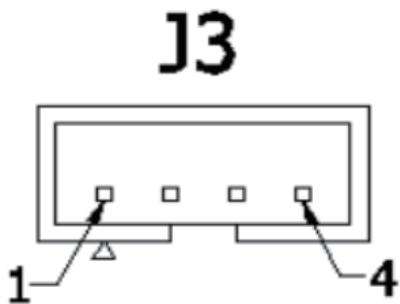
Electrical Specification

Power supply	DC 12 V $\pm 10\%$
Power consumption	≤ 5 W
Communication	TTL,USART
Temperature	Operating 10°C~ 40°C (50°F ~ 104°F) Storage -20°C~ 70°C (4°F ~ 158°F)

Interfaces

Power and Communication Interfaces

Power and communication interface socket pin definition diagram:



Note 1: TXD is the data sent by the M603 invasive blood pressure module to the host. to TTL level.

The power and communication interface socket pins are defined as follows:

Pin No	Signal	Description
1	TXD	UART Sending data from module to host
2	RXD	UART Receiving data from host to the module
3	GND	12V battery ground
4	+12V	Power Supply input 12V DC

Power and Communication Interfaces

Sensor interface socket pins are defined as follows :

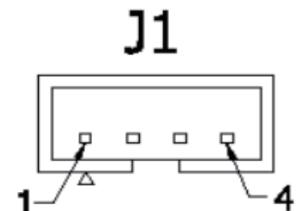
Pin No	Signal	Description
1	TXD	UART Sending data from module to host
2	RXD	UART Receiving data from host to the module
3	GND	12V battery ground
4	+12V	Power Supply input 12V DC

Note: The sensor has four interfaces: J1, J2, J4, J5, and their pin definitions are the same.

The sensor interface corresponds to the invasive pressure channel as follows:

Pin No	Signal	Description
1	J1	IBP1
2	J2	IBP2
3	J4	IBP3
4	J5	IBP4

Sensor interface socket pin definition diagram:



Purchase Guider

Code	Name	Quantity	Description	Image
022-090201-00	M4IBP Module	x1		
041-027001-01	IBP cable 6-pin IBP cable IBP Core Part- Regular Abbott type	Optional x4	Connect with M001 Module	
041-027001-00	IBP disposable transducer Applicable to adult/Pediatric/Infant	Optional x4		
022-990201-00	Connector board	Optional x1		
/	Internal cable IBP	Optional x4		

* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions

Headquarter

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