

## RS-232 Communication Protocol for PMED-H1-1

### Description of RS-232

The purpose of these section is to show you how the RS-232 port communicate with the computer. So, you first must read about the behavior and the protocol of RS-232

#### 1. Behavior of RS-232

Baud Rate=115200 bps      Parity=none  
Data Length=8 bit      Start      Stop Bit=1  
Bit=none      bit

#### 2. Protocol of RS-232

Total have 10 bytes. Send back from Byte 1 to Byte 10.

Byte 1: mode

- a: The current value shown is under ABS and mm mode.
- b: The current value shown is under ABS and inch mode.
- c: The current value shown is under INC and mm mode.
- d: The current value shown is under INC and inch mode.

Byte 2: symbol

- " ":None show represents symbol "+" (Positive sign)
- "-":Represents symbol "-" (Negative sign)

Byte 3 to 10: number and decimal point bit (every number and decimal point are 1 byte)

#### 3. Pin assignments of RS-232 port

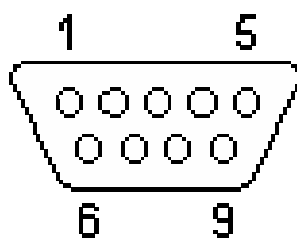


Fig.1 PMED-H1-1 RS-232 Connector(D-sub 9pin male)

Pin No.	Definition
2	TXD
3	RXD
5	GND