

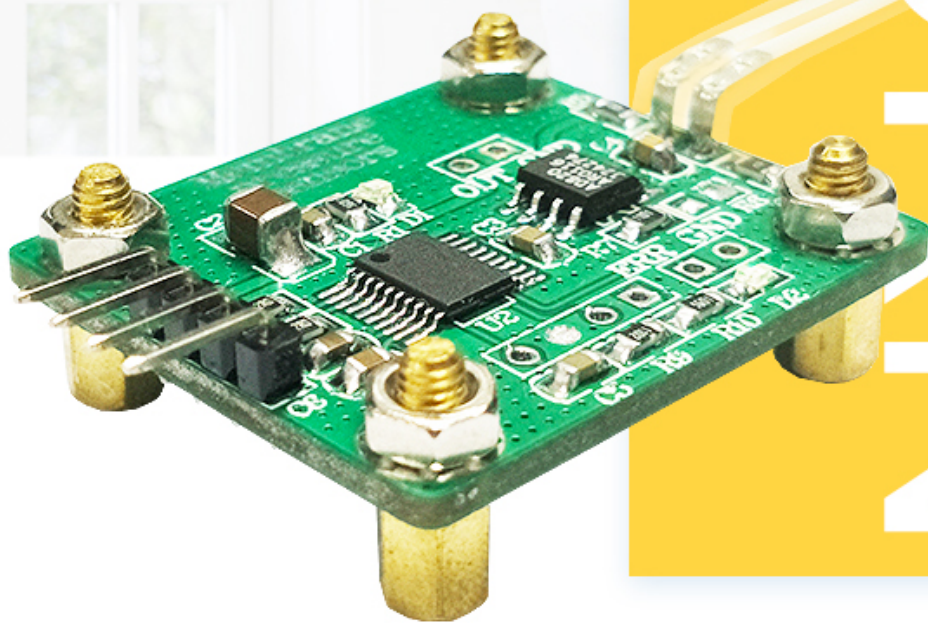
薄膜压力^o

传感器模块 / FSR FLEXIFORCE

× 优秀品质

THE MOST EASILY BROKEN THING IN THE
WORLD IS THE MAN'S WINE GLASS
SOLITICIAN'S PROMISE, GIRLS' DREAM
STEEL WIRE-LIKE LOVE, THE VIRTUOUS OF
MODERN SOCIETY AND THE HOLY HEA

压力转电压



ADORN

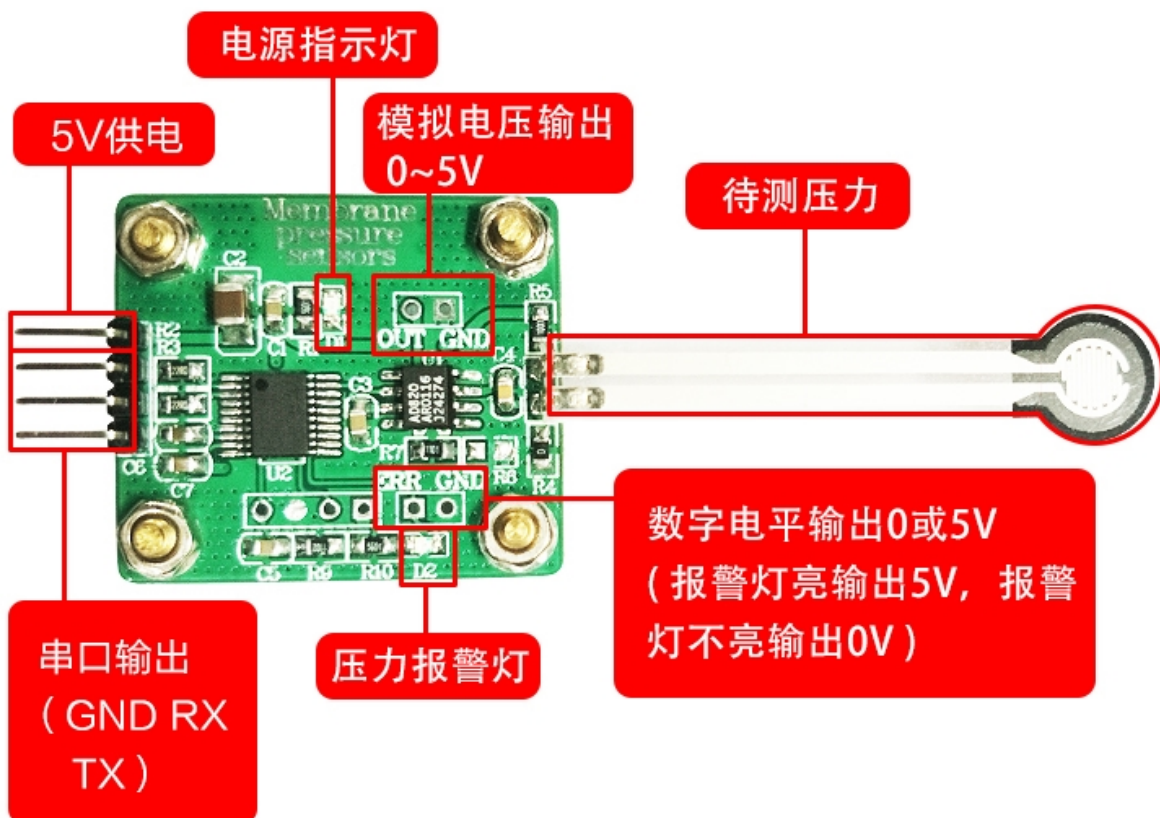
基本信息

THE BEST QUALITY SENSOR THERE IS THE WORLD IS THE NAME OF QUALITY. IT'S A PROMISE, ONLY OREGONATED, WHEN LABELING THE VIRTUES OF HIGH QUALITY AND THE ONLY ONE.

- ▶ 名称：薄膜压力传感器模块
- ▶ PCB尺寸：34mm X 30mm (长 x 宽)
- ▶ 安装孔间距：26MM X 23MM (长X 宽)
- ▶ 供电：5V
- ▶ 指令方式：AT指令
- ▶ 量程：2kg

功能说明

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特·点

FSR flexiforce

薄膜压力传感器

- 1.可以检测薄膜压力传感器的压力(0-20N)
- 2.压力值可通过电脑直接读取(需要USB转TTL模块)
- 3.模拟电压输出：0-5V
- 4.可以校准压力值，使模块读取的压力值更准确
- 5.输出模式：串口输出
- 6.可设置压力上下限报警并输出数字电平0或5V
(报警灯亮输出5V电平，不亮输出0V)
- 7.报警极性可设置：可设置为压力上下限内或压力上下限外报警

医用压力检测

FSR FLEXIFORCE



薄膜压力开关等

FSR flexiforce

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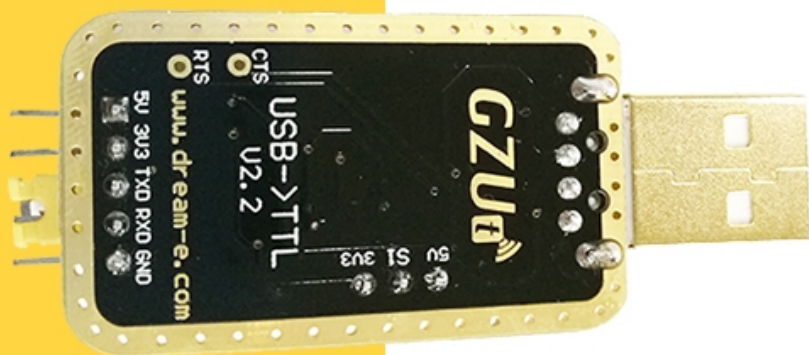
THE MOST EASILY BROKEN THING IN THE
WORLD IS THE MAN'S WINE GLASS. THE WOMAN'S PROMISE, GIRLS' DREAMS, STEEL
WIRE-LIKE LOVE, THE VIRTUOUS OF MODERN SOCIETY AND THE HOLY HEA

TXD: 发送端, 一般表示为自己的发送端, 正常通信必须接另一个设备的RXD。

RXD: 接收端, 一般表示为自己的接收端, 正常通信必须接另一个设备的TXD。

正常通信时候本身的TXD永远接设备的RXD!

接线
方法



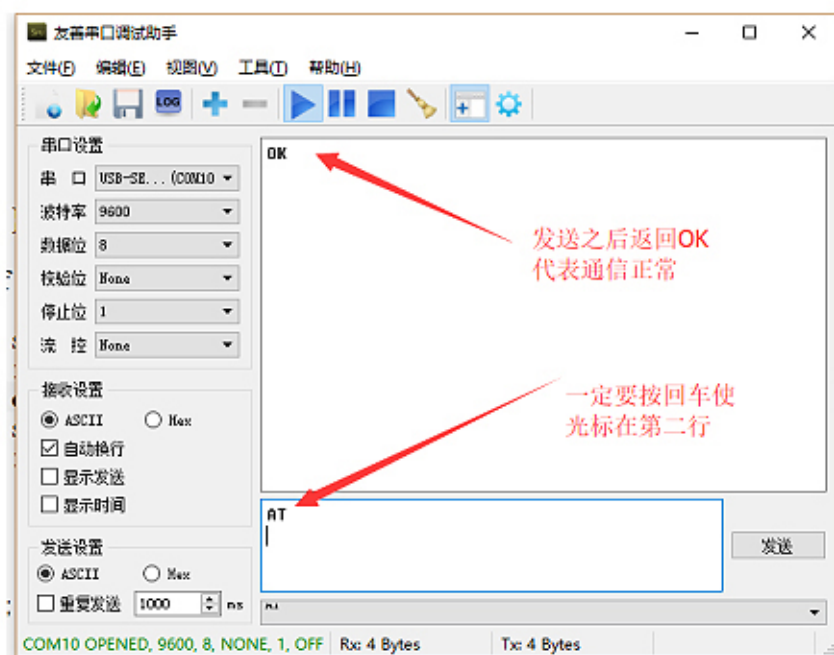
VCC-5V TX-RXD RX-TXD GND-GND

FSR flexiforce

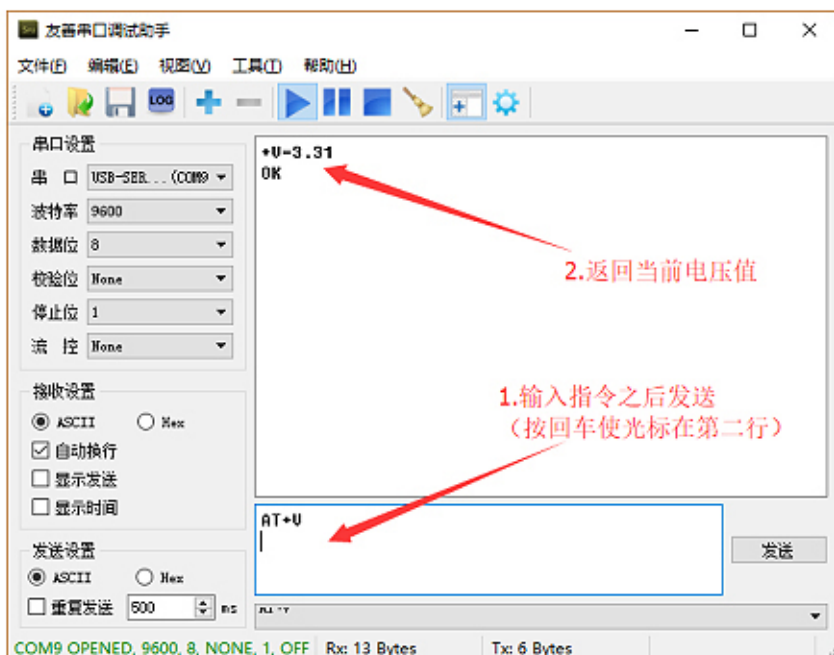
模块功能设置

薄膜压力传感器模块 压力转电压
串口输出电脑读值

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DREAMSTEEL WIRE-LIKE LOVE. THE VIRTUOUS OF MODER

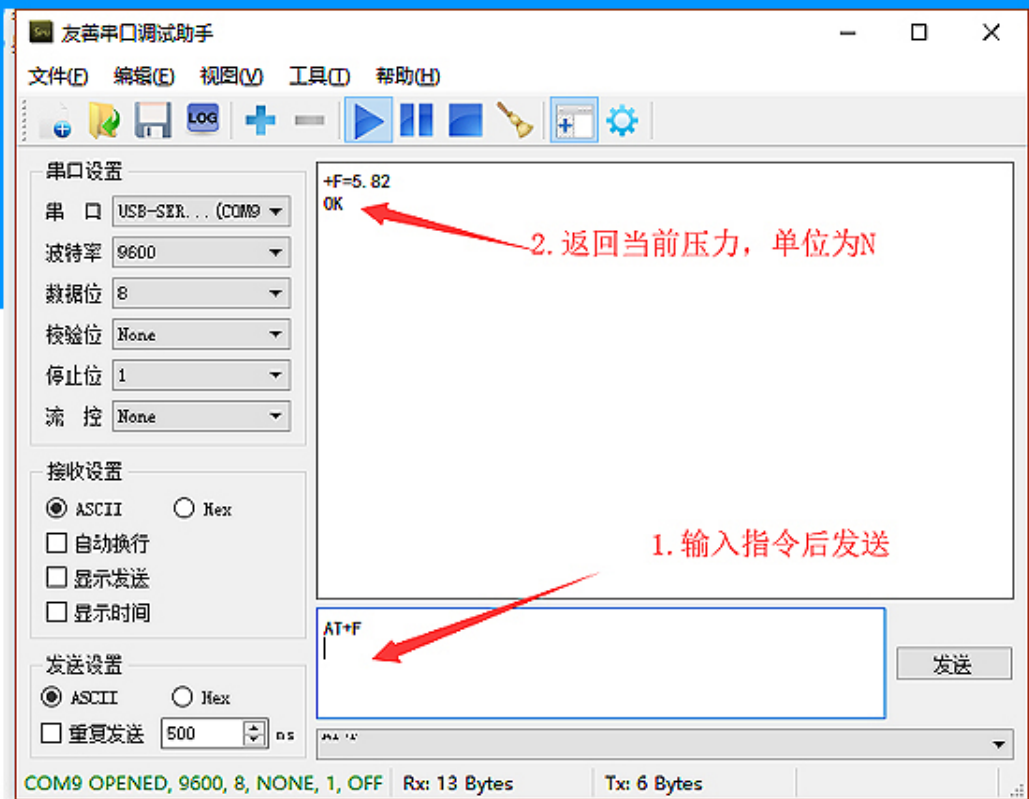


通信测试

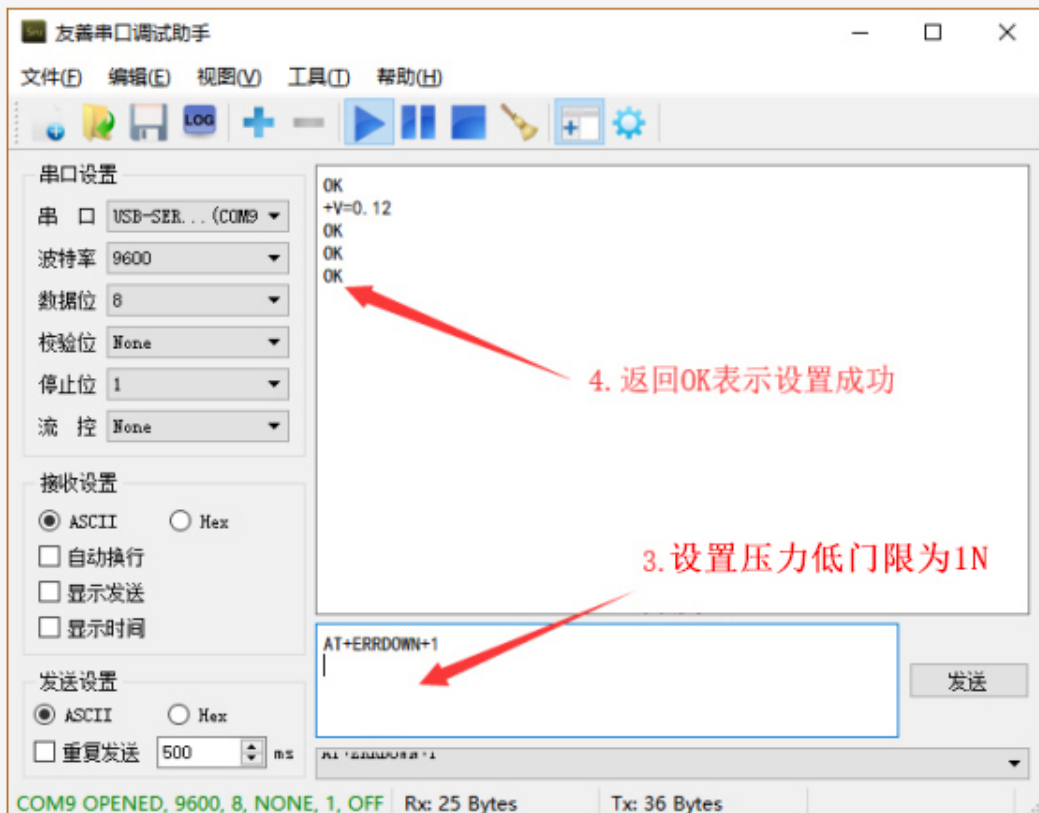
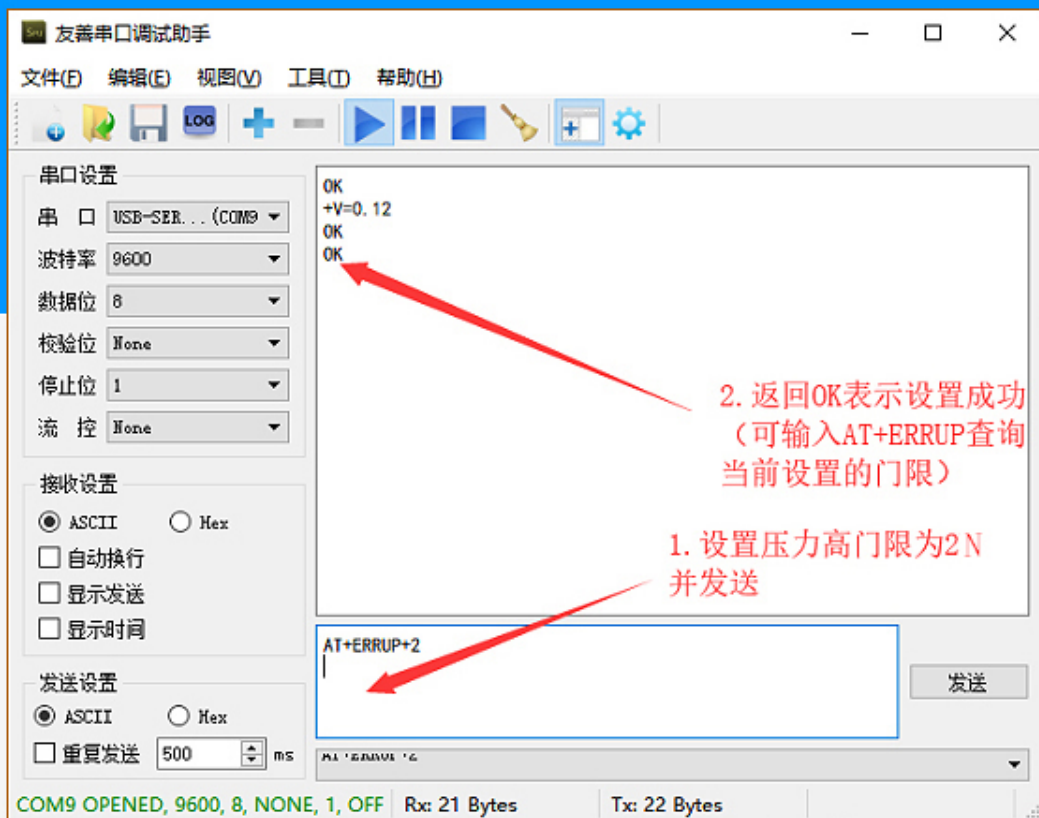


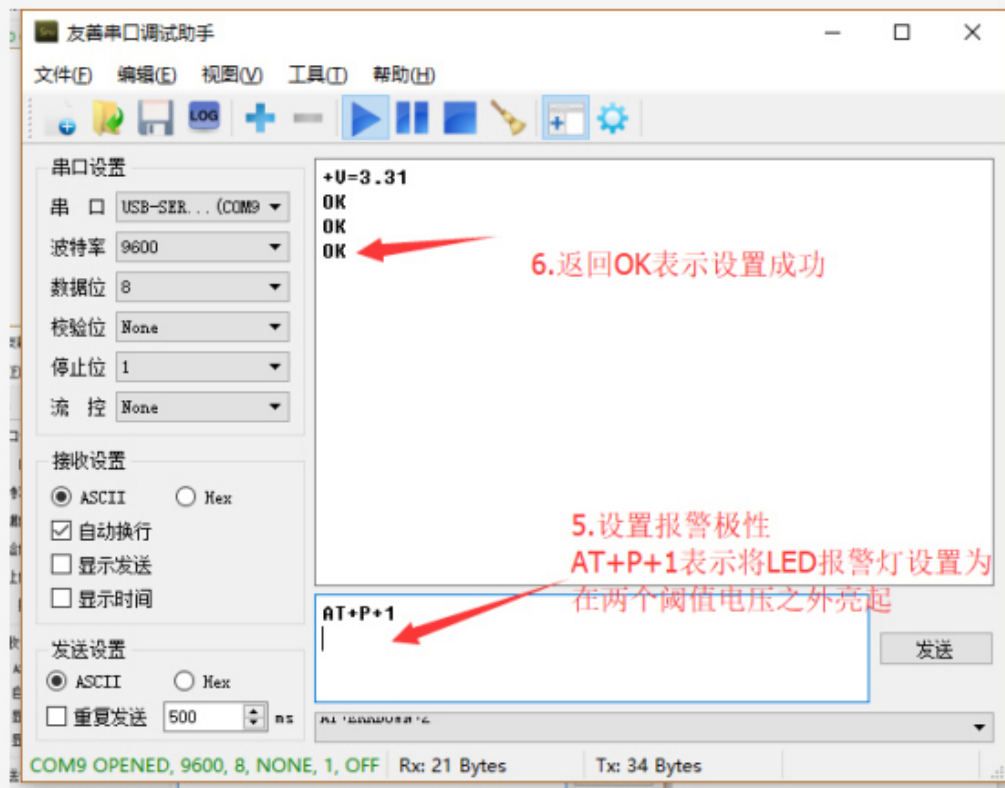
获取压力
传感器电压

获取压力传感器压力

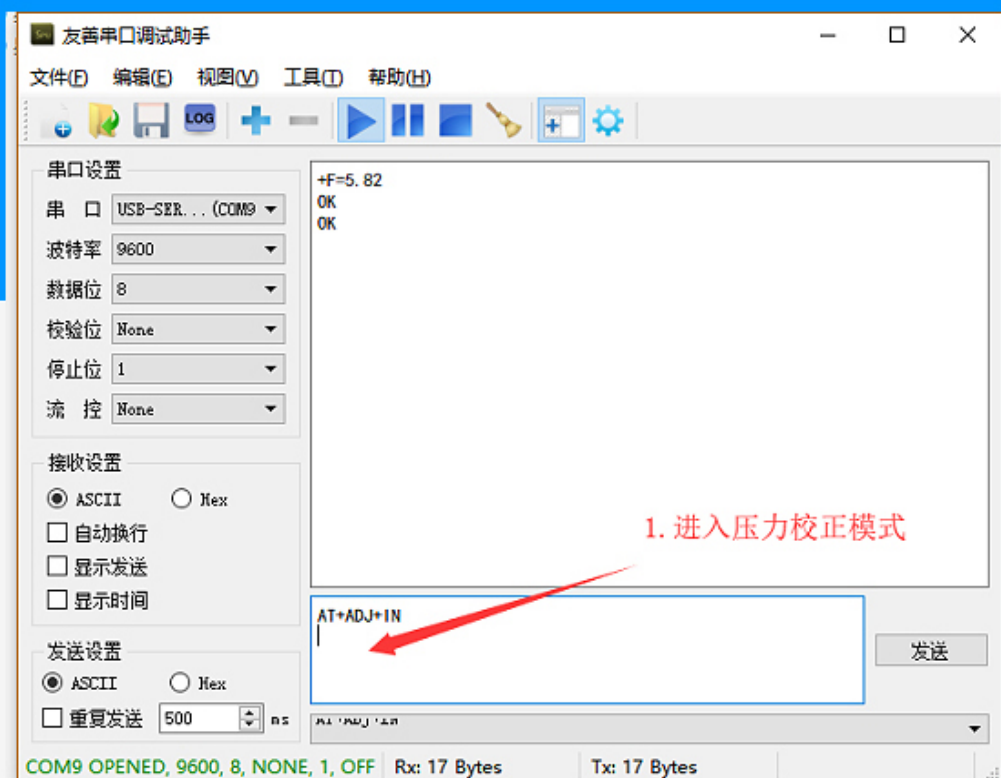


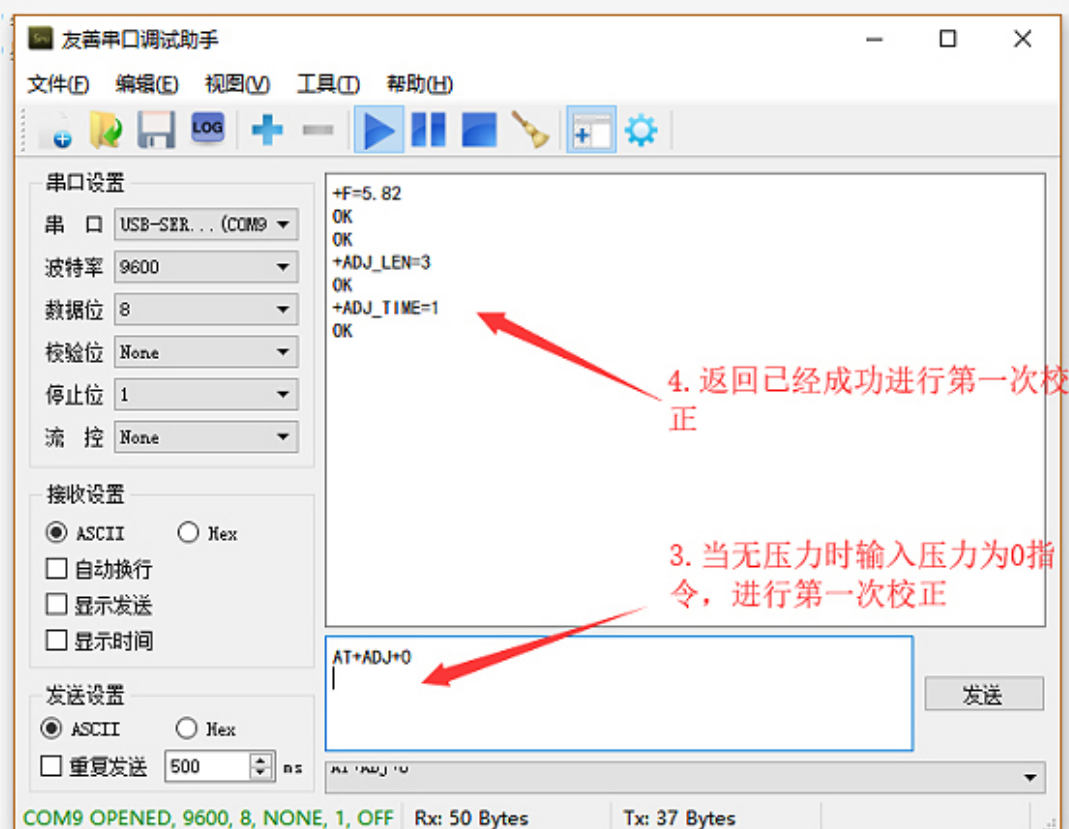
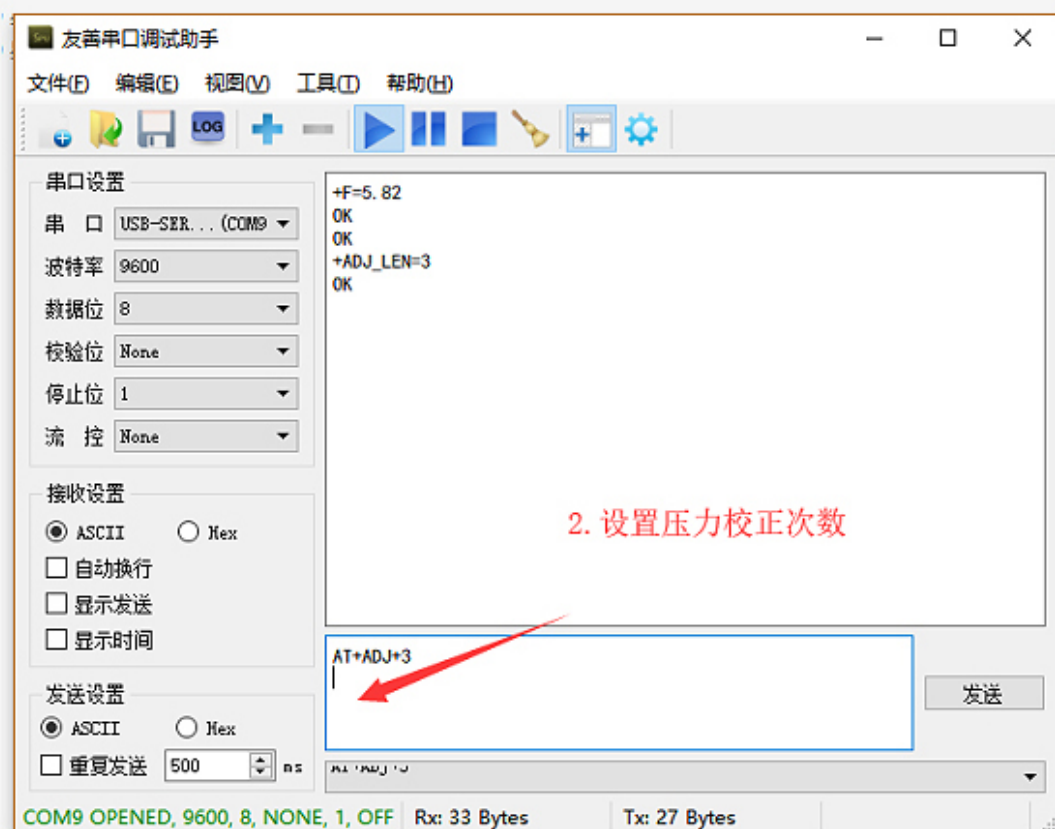
压力报警设置

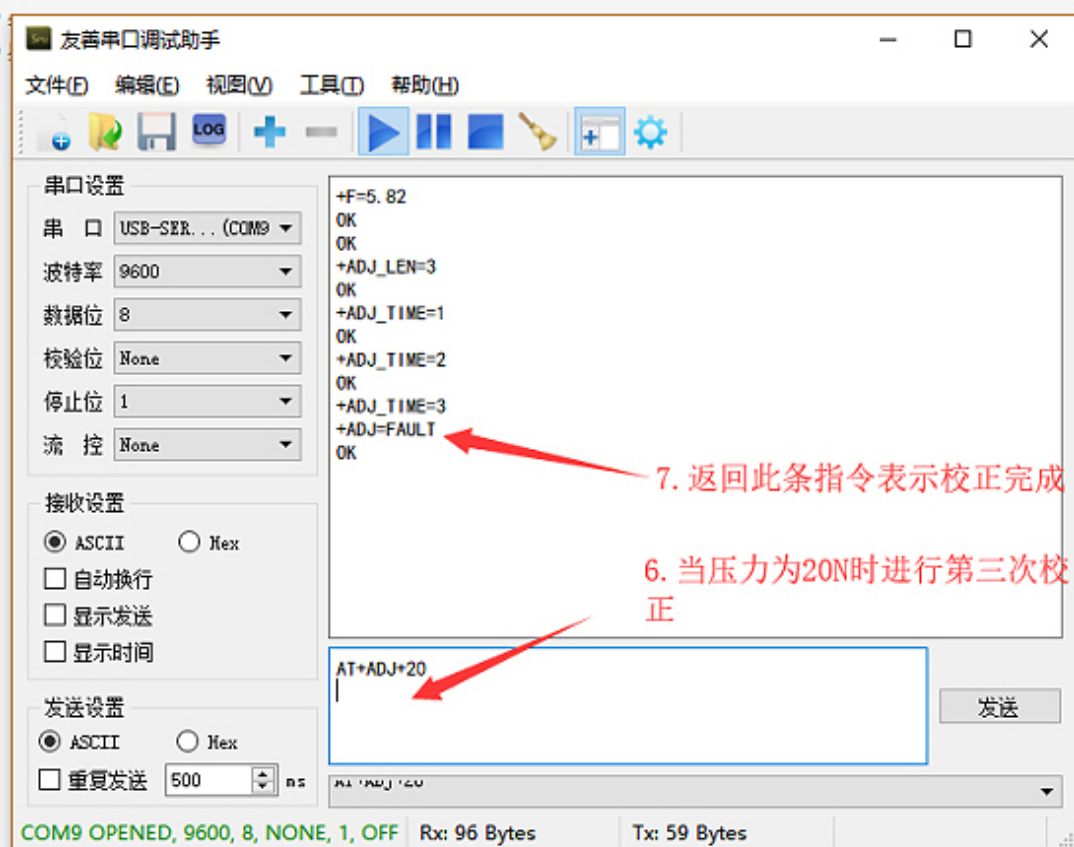
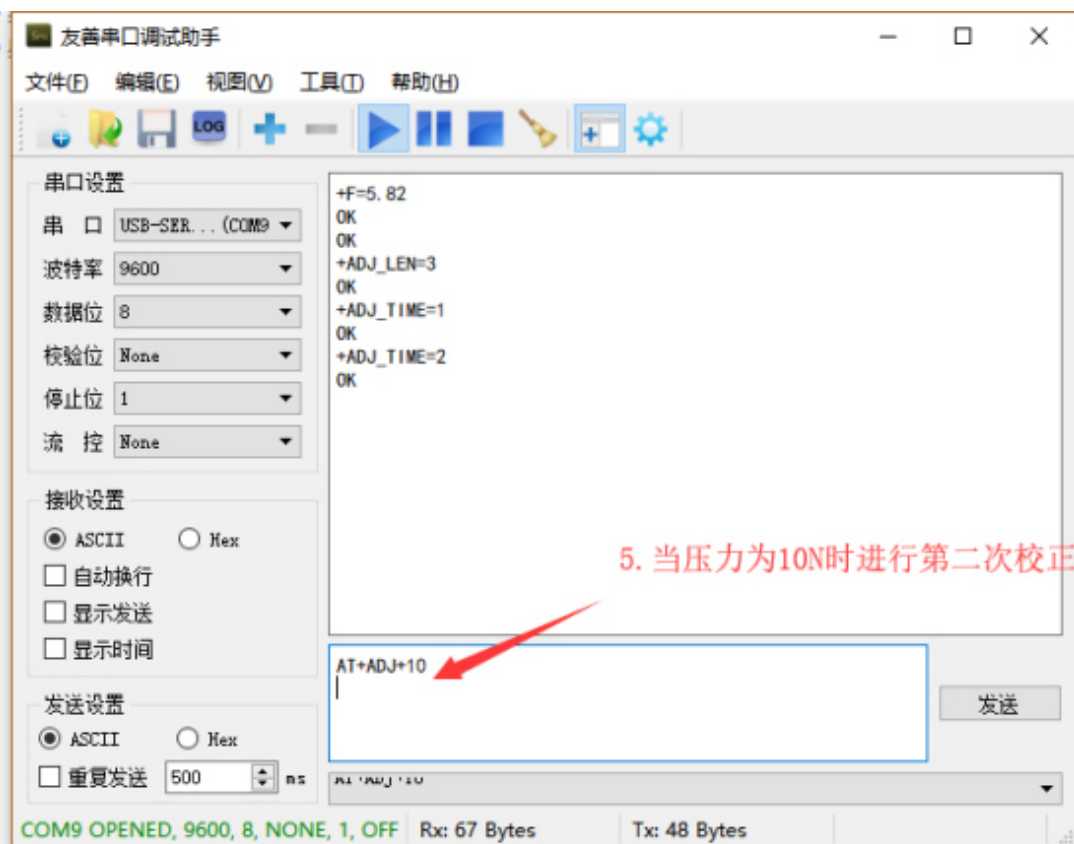




压力校正设置







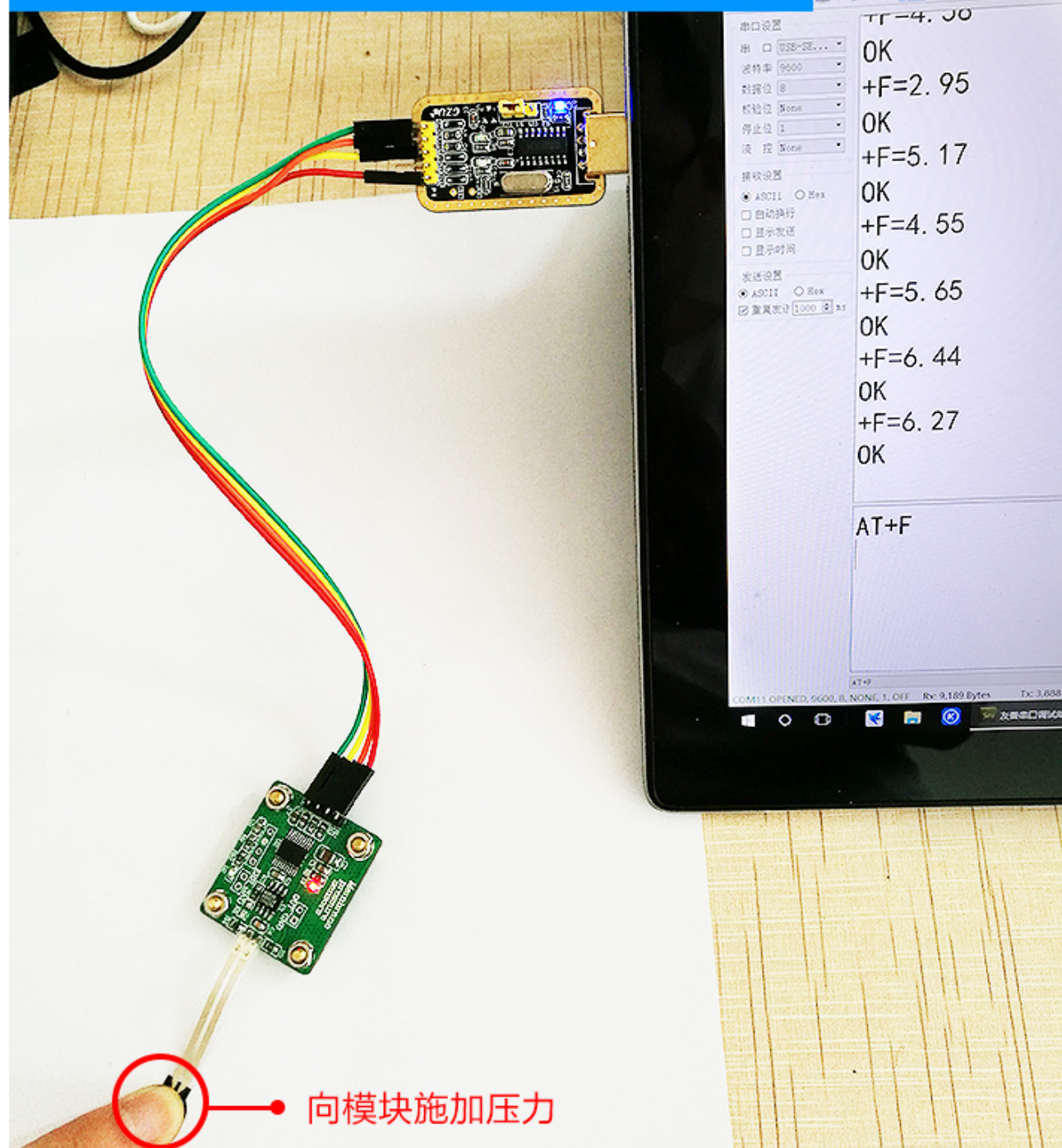
模块实测说明

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模块未施加压力

向传感器施加压力，即所测压力值为“6.27 N”



向模块施加压力