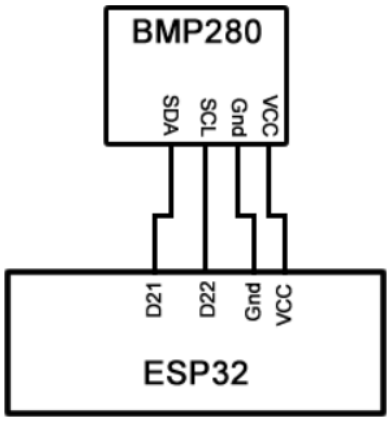
GY-b11 280 barometric pressure sensor

Circuit Diagram

Just connect your device to the hardware I²C of the ESP32, these are pins 21 and 22.



From what I saw online and in action attaching this sensor, the baud rate needs to be adjusted to 115200 in the void setup (shown below) and on the serial monitor if you want to see the readings (it did not work on 9600, but all the other sensors do work on 115200). And the "begin" should be set to 0x76. See https://www.xtronical.com/bmp280andesp32 for reference. Regarding the baud rate and the begin- this depends on your type of sensor and may or may not be true depending on its quality. Try both if one is not working.

```
void setup() {
  Serial.begin(115200);
  while ( !Serial ) delay(100);   // wait for native usb
  Serial.println(F("BMP280 test"));
  unsigned status;
  //status = bmp.begin(BMP280_ADDRESS_ALT, BMP280_CHIPID);
  status = bmp.begin(0x76);
  if (!status) {
```

Above image above and more information taken from:
https://www.xtronical.com/bmp280andesp32/

Accessing the individual code for this sensor can be done on Arduino platform itself via examples→Adafruit BMP280 Library→ bmp280test