




# Digi-Pas JQC-2-04002-99-000 2-Axis Precision Sensor Module User Guide

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# *Digi-Pas*®

**Digi-Pas JQC-2-04002-99-000 2-Axis Precision Sensor Module**



**Download manual/quick guide:**



<https://www.digipas.com/manual4000xy.php>.

### **Calibration**

Digi-Pas® device is calibrated in the factory for maximum accuracy. Users can re-calibrate when necessary. for detailed calibration please refer to the Instruction manual available online

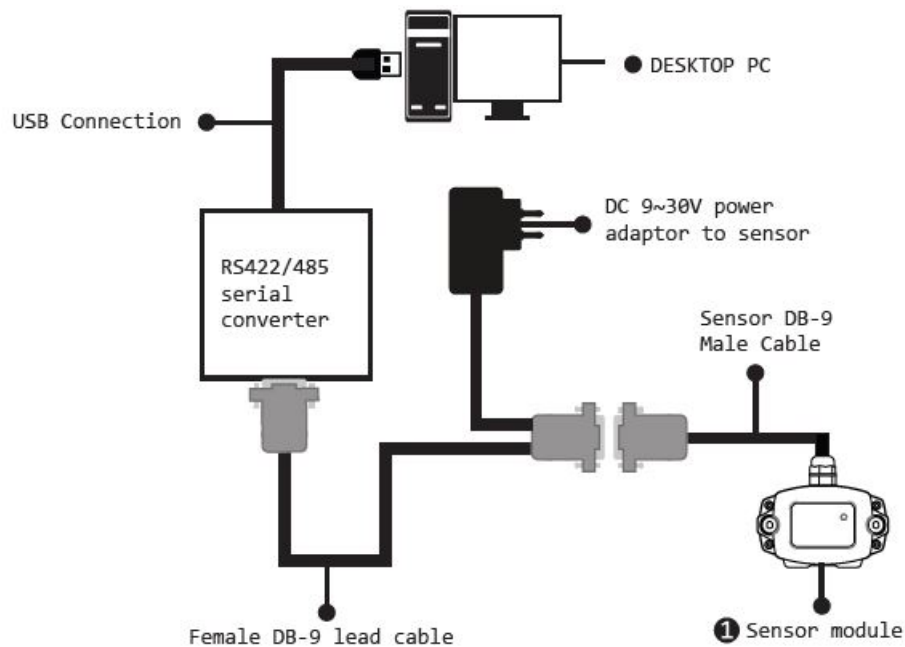
### **Cleaning**

Do not use harsh chemicals, strong detergents, or cleaning solvents to clean the device.

### **Kit Contents**

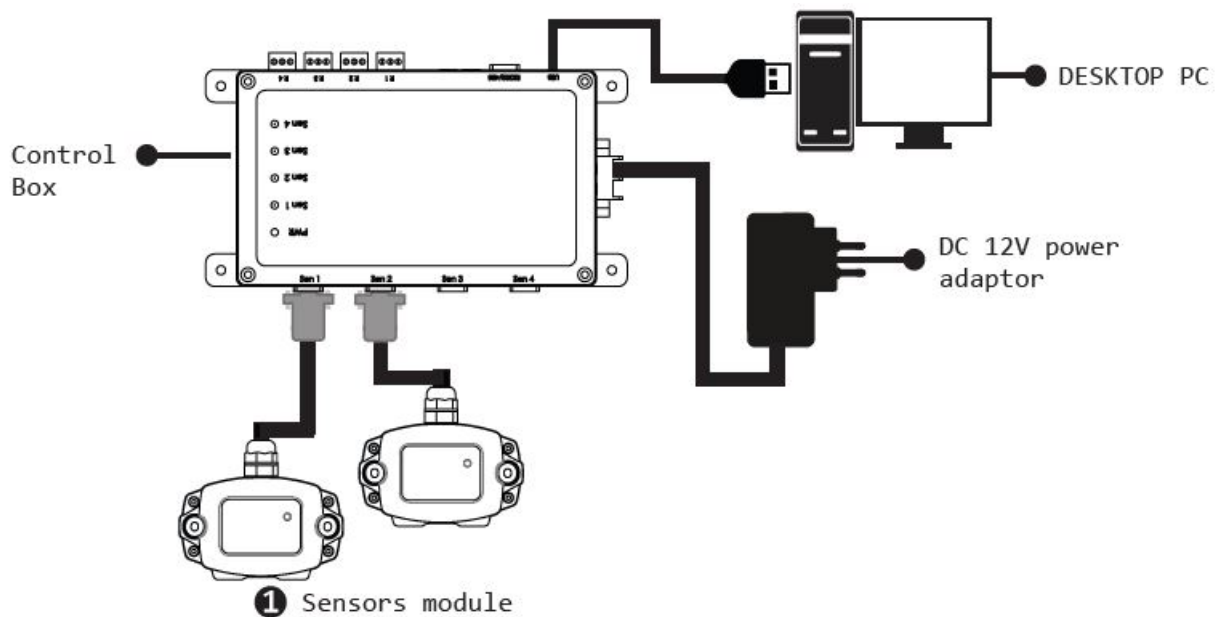
1. Sensor module
2. Calibration Certificates
3. Quick Guide

### **Direct serial RS422/485 connection diagram**



## Multiple sensor connection diagram using the control box

up to 4 sensors can be connected through the control box for simultaneous.



## DWL-4000XY series PC sync software

DWL-4000XY Series PC Sync Software Basic Edition is available free for download at digipas.com website.

**PC SYNC SOFTWARE, DRIVER & Sample Code visit:**

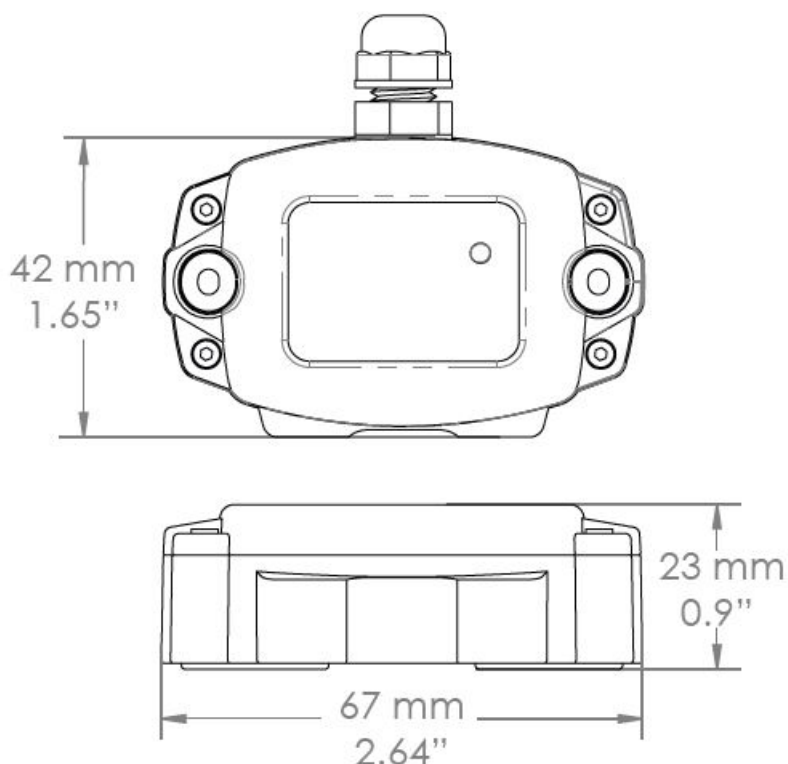
<https://www.digipas.com/pcsync4000xy.php>

## Note:

Sample codes are only available in C# language and can be compiled through Microsoft Visual Studio.

## Technical Specification Sensor

Dimension (mm)	67 x 42 x 23
Wire Length (Approx.)	3 Meters or 3.28 ft
Weight (Approx.)	350g
Power Voltage	9 ~ 30V DC
Output Mode	RS485 (full duplex)
	USB, RS232, and SPDT Relay.
	Wireless Bluetooth connectivity (optional)
Waterproof Rating	IP65
Operating Temperature	-40°C to +85°C

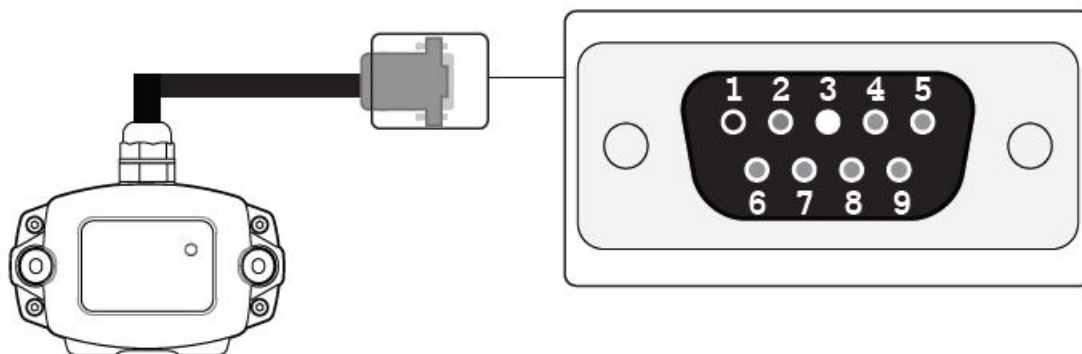


#### Notes:

- Product specification and appearance are subject to change for product improvement without prior notice.
- Control Box is required

#### Connection Pin-out

Sensor DB-9 Male cable connector pin-out



Pin No.	Description
1	GND
2	N.C (No Connection)
3	GND (without Control Box) or Signal 1 (For Control Box only)
4	GND (without Control Box) or Signal 2 (For Control Box only)
5	Power Input (Regulated 9V ~ 30 DC)
6	RS485 – A (Non-inverting Receiver Input/Tx+)
7	RS485 – B (Inverting Receiver Input/Tx-)
8	RS485 – Z (Inverting Driver Output)/Rx-
9	RS485 – Y (Noninverting Driver Output / Rx+)

## Warranty

Digi-Pas® Digital level is warranted to the original purchaser to be free from defects in workmanship and material. JSB Tech will, at its option, repair or replace any defective part which may malfunction under normal and proper use within a warranty period of 1 (one) year from the date of shipment. This one-year warranty clause is NOT applicable to European Union (EU) member states. Purchases made in EU member states will be covered by the existing consumer laws across the European Union, which provide statutory warranty rights in addition to the coverage of one year warranty period. The foregoing warranty shall not apply to defects resulting from misuse, abuse, or transfer by the Buyer, Buyer-supplied software or interfacing, or unauthorized modification or operation outside of environmental specifications for the product. JSB Tech does not warrant that the operation of the instrument software, or firmware, will be uninterrupted or error-free. The exclusive remedy under any and all warrants and guarantees expressed herein, and we shall not be liable for damages from loss or delay of equipment uses, consequential, or incidental damage. No other warranty is expressed or implied. JSB Tech specifically disclaims the implied warranties of merchantability and fitness for a particular purpose.

[www.digipas.com](http://www.digipas.com).

## Documents / Resources

	<a href="#">Digi-Pas JQC-2-04002-99-000 2-Axis Precision Sensor Module</a> [pdf] User Guide JQC-2-04002-99-000 2-Axis Precision Sensor Module, JQC-2-04002-99-000, 2-Axis Precision Sensor Module, Precision Sensor Module, Sensor Module, Module
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## References

-  [Digi-Pas Technologies](#)
-  [Digi-Pas Technologies](#)

Manuals+.