Pro-Leaf

Hook

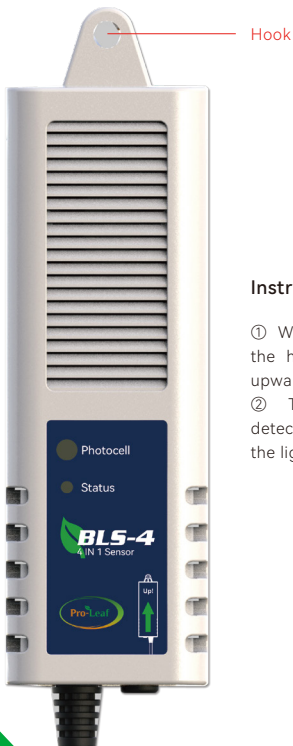### Instruction:

① When using the sensor, the hook should be facing upwards.

② The "Photocell" light detection window must face the light source.

Name	4 IN1 Sensor
Model	BLS-4
Size	160*44*34mm, with 0.5m data cable
Protection Level	IP20
Operating Temperature	0~50 ℃
Operating Humidity	≤90%, non-condensing
Operating Voltage	DC24V
Operating Current	Average 10mA, peak 60mA (every 4 seconds, last 0.3 seconds)
CO2 Measuring Range	400 to 2000 DDm (Note 1); extended range 0 to 5000 DDm (Note 2).
CO2 Precision	±50ppm ±3% of reading (Note 3 and 4)
Temperature Measuring Range	0~50℃
Temperature Measuring Accuracy	±0.5℃
Long-term Temperature Drift	≤0.05℃/year
Humidity Measuringt Range	0~90 %RH
Humidity Measuring Accuracy	5 %RH
Illumination	Identify day/night
Communication Port	RJ12 crystal plug, 6P6C, with DC24 power supply
Communication Parameters	RS485 slave, baud rateof 9600, no parity, 8 data bits and 1 stop bit.
Note	In the Beleaf system, due to the limitation of the external power supply of the BeHiVe port, a maximum of 10 BLS-4s can be connected at the same time. Accessories: one splitter, one 5m data cable.
Precautions	Note 1: The sensor is designed to measure the concentration in the range of 400 to 2000ppm, and has the accuracy specified in the table. However, exposure to concentrations below 400 ppm may cause the ABC algorithm to misoperate, so for the ABC model, this should be avoided. Note 2: The accuracy of the data in the extended range will be reduced compared with the specification. Note 3: In normal 1AQ applications, the accuracy can only be determined after 3 weeks of continuous operation of the AFC. Note 4: The accuracy is stable at room temperature +25 degrees and normal pressure below 101.3 kPa.