

# SN-IL01

## Sensor



SN-IL01 is the light sensor module of the SN series and is widely applied to locations such as the greenhouse environment and urban lighting. The sensor is equipped with features of wide measurement range, good linearity, application convenience, easy installation, and long transmission distance. It adopts a silicon photo-voltaic detector, which has higher sensitivity toward low light level, as the sensor.

### Product Model Table

Model	Power	LCD Display	Measurement of Temperature and Humidity	Pyxos	Consumption
SN-IL01	P bus link power supply	None	None	1	25mA@24V

## Technical Parameters

No.	Item	Parameter	No.	Item	Parameter
1	Consumption	25mA@24V	6	Range of measurement	0~60000Lux
2	Power	P bus link power supply	7	Dimensions	95mm*34mm
3	Display function	Without LCD	8	Material of cover	ABS engineering plastic
4	Operating temperature	-10~50°C	9	Installation method	Surface Mounted
5	Storage temperature and humidity	Normal temperature and 0%-95%RH without condensation			

## Installation Description

Please follow the instructions defining the terminal block pins on the equipment cover for wiring. The definition of the terminal block pins is shown in the following table. Please disconnect the circuit to prevent electric shock before wiring. Check whether the power supply is within the range of the required voltage before supplying the power for the equipment. The power supply shall not exceed this range, otherwise the module may burn. The installation and placement of the sensor shall avoid direct exposure of sunlight and be protected against moisture and rain.

**SN-IL01 Wiring Pin Definition Table**

Name	Marking	Description
PBUS	24VAC/DC	Pyxos bus port

## Dimensions and Wiring Diagram

