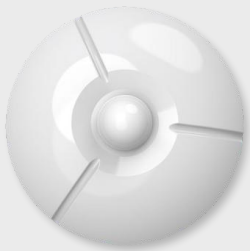


Illumination transmitter

Model ES-S222C



Main features

- Measurement range is 0 ~ 65535 lux, 0 ~ 200000 lux
- The built-in high-sensitivity photosensitive probe has the characteristics of stable signal, high reliability, high measurement accuracy and strong anti-interference performance;
- Ceiling shell, which is easy to use and install;
- 10 ~ 30V wide voltage power supply

Compliance

The electromagnetic compatibility in accordance with the following applicable directives:

LVD 2014/35/EU Low Voltage
EMC 2014/30/EU
Electromagnetic Compatibility
EMC 2014/35/EU
Electromagnetic Compatibility

Introduction

ES-S222C ceiling mounted light transmitter is a high-precision photosensitive transmitter. The unit of measurement for the output value is Lux. The equipment adopts a ceiling enclosure. The ceiling mounted light transmitter has a compact structure and is easy to install and use.

The light sensor is a practical product that uses a highly sensitive photosensitive detector and a high-precision linear amplifier circuit. It has been rigorously tested and accurately produced and has a variety of light measurement ranges and signal output types.

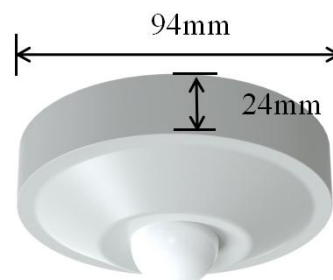
It support eight analog or 485 output, standard ModBus RTU communication protocol, communication address and baud rate can be set, the maximum communication distance is 2000 meters, and the product power supply is 10-30V wide voltage power supply

Application

It is mainly used in laboratories, archives, electronic equipment production lines and other occasions where light intensity monitoring is required.

Dimension

Unit:mm



Specification

Light intensity range	0-65535Lux; 0-200000Lux	
Temperature and humidity range	-40°C~+60°C, 0%RH~80%RH	
Power supply	10-30VDC	
Power consumption	0.4W	
Output signal	RS485(Modbus),4-20mA,0-5V, 0-10V	
Accuracy	Temperature	±3%RH(60%RH,25°C)
	Humidity	±0.5°C (25°C)
	Light intensity	±7%(25°C)
Long term stability	Temperature	≤0.1°C/y
	Humidity	≤1%/y
	Light intensity	≤5%/y
Response time	Temperature	≤18s(1m/s wind speed)
	Humidity	≤6s(1m/s wind speed)
	Light intensity	0.1s
IP level	IP65 default	

Order guide

ES-S222C	Illumination transmitter		
	CODE	Function type	
	A	Illumination	
	B	Illumination and temperature and humidity	
		CODE	Signal output
		1	4-20mA
		2	0-10V
		3	0-5V
		4	RS485
ES-S222C	A	1	Order example