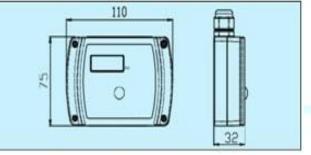
RSA SENSORES, CONTROLES, VALVULAS, ATUADORES, EQUIPAMENTOS, HVAC E AUTOMAÇÃO - Avenida Ragueb Chohfi, 960 - Torre 3, Sala 73 - Jardim Três Marias, São Paulo-SP, Cep: 08375-000 Telefone Sac: 55 11 2031 6658 – WHATSAPP 11 979936574 Email: <u>contato@rsa-sensors.com.br</u> Site: <u>http://www.rsa-sensors.com.br</u>

RSA-SAI Ambient Light Sensor/Transmitter





Applications & Features

- RSA-SAI series are designed for detecting ambient light level. They can be widely used for lighting control applications in various indoor or outdoor environments such as warehouse, computer room, workshop, record room, library, school, shopping mall, smart home, hotel, park, airport and railway station, etc.
- High sensitive sensor and precise linear amplifier circuit, accurate measurement and temperature compensation, good long term stability and reliability
- Light and state of art housing supplies two different install and wiring ways, with high protect rate, delicate structure
- Power and output have over voltage and reverse polarity protection, high reliability and anti-interference capability

Specifications

Sensor: High sensitive light sensor Measurement wave length: 400~700nm, peak response 550nm, with match degree 99%(typical) Range: 0~1000/2000/5000/10000 lux (jumper selectable)

Accuracy: ±5 %FS@25°C Repeatability: <4%FS Thermal effect: <0.01%FS/°C(typical) Response time: <1s Output: $0 \sim 10V/4 \sim 20mA$ (default), RS485/Modbus RTU Display: 4 bits LCD Load resistance: $\leq 500\Omega$ (4-20mA), $\geq 2k\Omega(0-10V)$ Power supply: $16 \sim 28VAC/16 \sim 35VDC$ Working environment: $-20 \sim 70^{\circ}C$, $0 \sim 95\%$ RH (Non-cond.) Storage temperature: $-20 \sim 70^{\circ}C$ Housing: fire retardant ABS+PC(UL94V-0) Protection: IP65 (except for the hole on the basement) Approval: CE

Models

Models	RSA-SAI				Ambient Light Sensor/Transmitter
Output		1			0~10V/4~20mA
		8			RS485/Modbus
Display			0		N/A
			1		LCD
Housing				0	PG9 Gland inlet cable
				1	Basement inlet cable
t Illumination is the unit of light intensity, negular defined as flux (Im) on					

1. Illumination is the unit of light intensity, popular defined as flux (Im) on unit area(m²), also known as lux.

 Generally, in summer's sunny day the illumination will be 30~300,000 lux; cloudy day is 3~10,000 lux; sun rise/sun set is 300~400 lux. Illumination for indoor is 10~2000 lux for different lighting status and <1 lux during night without any lighting.

RSA SENSORS - ATENDIMENTO



ESCANEAR O QR CODE COM A CAMERA DO CELULAR, PARA CHAMAR NO WHATS APP

