

High intensity UV Sensor Probe

GUVx-T1xGC-2LA8

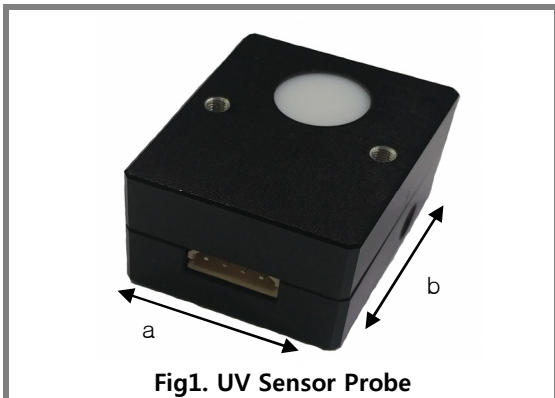
Features

- Single Supply Voltage, Analog Voltage Output
- Air Environment
- Adjustable Detection Power Range (Variable Resistor)

Applications

- UV Lamp, LED monitoring
- Strong UV irradiation monitoring(Max 20W/cm²)

Picture



Information of UV Sensor Probe

Size (mm ³)	30(a) × 36(b) × 23
Window Size (mm)	12
No. of screw	4
No. of fixed hole	2
hole to hole (mm)	22
Size of hole	4 mm Tab × 8 mm
Locaion of hole	Center (a direction) 4 mm from Edge (b direction)
Cable Length (m)	5
Weight (g)	60
Connector	Molex 5264-04

Absolute Maximum Ratings

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Storage Temperature	T _{st}	-40		90	°C	
Operating Temperature	T _{op}	-30		85	°C	

Electro-Optical Characteristics (at 25 °C)

Parameter	Symbol	Value			Unit	Remark	
		Min.	Typ.	Max.			
Supply Voltage	V _{cc}	9	12	24	Vdc		
Supply Current	I _Q		0.05		mA		
Detection Range	GVBL-T12GC-2LA8	λ	330		445	nm	10% of Max.
	GUVV-T10GC-2LA8		230		395	nm	
Output Voltage	V _{out}	0		5	V	V _{cc} =12V	
Detection Power Range	P	100		10,000	mW/cm ²		
Response Time	T		10		ms		

Relative responsivity curve

