

# 180° WIDE ANGLE UV SENSOR PROBE

## for UV irradiance (total UV)

### GUVV-T12GC-H6



#### Features

- For monitoring of global UV irradiance (total UV)
- Single Supply Voltage
- Analog Voltage Output



#### Applications

UV Index Monitoring

**Fig1. UV Sensor Probe**

**Fig2. 5m Standard Cable(Max. 10m)**

Color	Terminal	Remark
Red	V <sub>CC</sub>	DC 5V or 24V *
Black	GND	*
Green	V <sub>OUT</sub>	5V
White	GND	

\*In case of no power source, there is no red and black line.

#### Absolute Maximum Ratings

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Storage Temperature	T <sub>st</sub>	-40		90	°C	
Operating Temperature	T <sub>op</sub>	-30		85	°C	

#### Electro-Optical Characteristics (at 25 °C)

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Supply Voltage	V <sub>CC</sub>	9		24	V	DC
		1.8		5.5	V	Low Power (Option)
		-		-	-	-
Spectral Detection Range	λ	230		395	nm	10% of Max.
Maximum UV irradiance	I <sub>uv</sub>	0		100	mW/cm <sup>2</sup>	
Field of view			180		degrees	
Directional response (up to 70°)			5		%	
Response Time	T		5		ms	

