

180° WIDE ANGLE UV SENSOR PROBE

GUVB-T12GC-H6



Features

- For monitoring UV Index from Sunlight
- Single Supply Voltage
- Analog Voltage Output



Applications

UV Index Monitoring

Color	Terminal	Remark
Red	V _{CC}	DC 5V or 24V *
Black	GND	*
Green	V _{OUT}	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 _{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		24	V	DC
		1.8		5.5	V	Low Power (Option)
		-		-	-	-
Spectral Detection Range	λ	268		320	nm	10% of Max.
Output Voltage	V _{out}		0.25		V	at 1UVI
Field of view			180		degrees	
Directional response (up to 70°)			5		%	
Response Time	T		5		ms	

