

180° WIDE ANGLE UV SENSOR PROBE

for UV irradiance (total UV)

GUVV-T22GC-H6



Preliminary

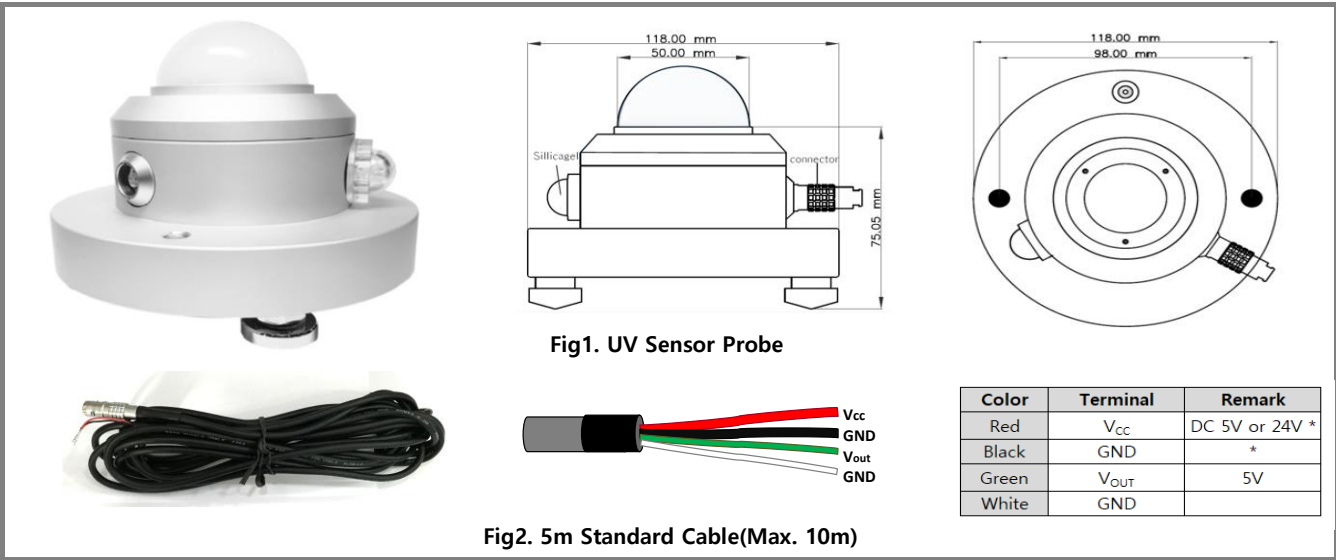
Features

- For monitoring of global UV irradiance (total UV)
- Single Supply Voltage (or no supply power : option)
- Analog Voltage Output



Applications

UV irradiance monitoring in Sunlight



*In case of no power source, there is no red and black line(2-wire).

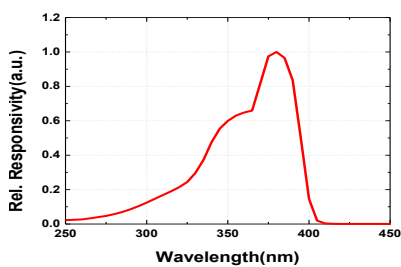
Absolute Maximum Ratings

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

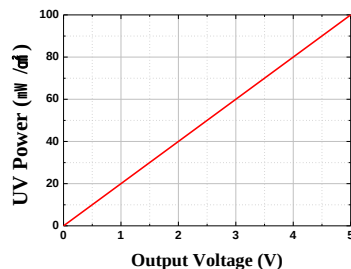
Electro-Optical Characteristics (at 25 °C)

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Supply Voltage	V _{CC}	9		24	V	DC
		1.8		5.5	V	Low Power (Option)
		-		-	-	No-power source (Option)
Spectral Detection Range	λ	295		400	nm	10% of Max.
Maximum UV irradiance	I _{uv}	0		100	mW/cm ²	
Field of view			180		degrees	
Directional response (up to 70°)			5		%	
Response Time	T		5		ms	

Relative Responsivity



UV Power along Output Voltage



Field of view

