



UV Sensor Probe

Model: PS-UVC-CW

General Features:

- Single Supply Voltage
- 0-5 V Analog Voltage Output
- High Resolution

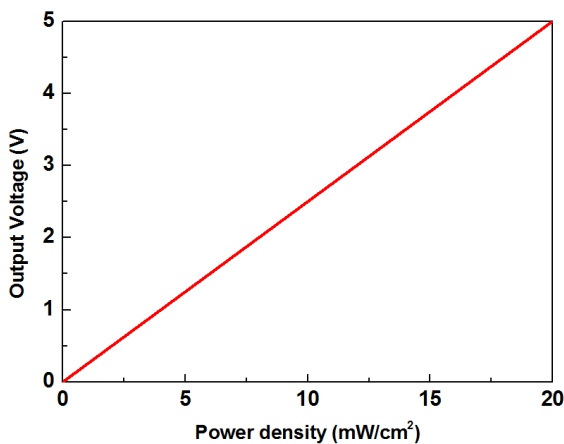


Applications: UV Lamp Monitoring, Water/air Purification, UV Curing

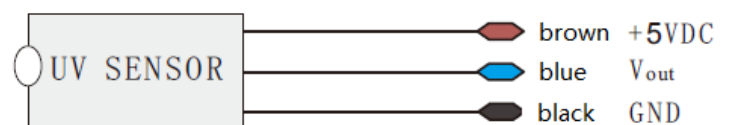
Specifications:

Case dimensions						
Thread/Length for Mounting	Diameter (mm)	Window (mm)	Wrench Size (mm)	Length (mm)	Weight (g)	Body (stainless steel)
PT 1/2" /11mm	21	11	21	42	60	316L
Parameters	Symbol		Value		Unit	
Maximum Ratings						
Operation temperature range	T_{opt}		-10-70		°C	
Storage temperature range	T_{sto}		-10-80		°C	
Electro-Optical characteristics (25 °C)						
Supply Voltage	V_{cc}		5		V	
Output Voltage	V_{out}		0-5		V	
Response Wavelength	λ		210-370		nm	
Detection Power Range *	P		0-20		mW/cm ²	

Output Voltage vs UV Power



Wire Connection



* Note: The detection power range is adjustable upon request, which could vary from $\mu\text{W}/\text{cm}^2$ to W/cm^2 level.