

UV Sensor Probe

GUVx-T1xGC-5LW360



Features

- UV intensity sensor with 360-degree light incident angle
- Single Supply Voltage, 3 wire Analog Voltage Output

Applications

UV Curing Lamp Monitoring Sterilization Lamp Monitoring

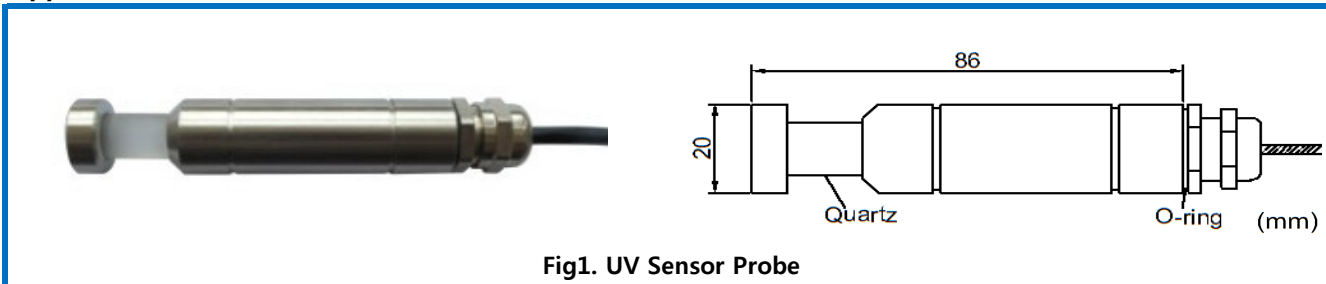


Fig1. UV Sensor Probe

Case dimensions

Thread/Length for probe hold	Diameter (mm)	Length (mm)	measurement field	Weight (g)	Body (stainless steel)
-	20	86	360°	200	STS 316-L

Absolute Maximum Ratings

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Storage Temperature	T _{st}	-10		70	°C	
Operating Temperature	T _{op}	-10		70	°C	

Electro-Optical Characteristics (at 25 °C)

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Supply Voltage	V _{cc}		5		V	DC
Supply Current	I _q		0.05		mA	
Detection Range	GUVA-T11GC-5LW360	λ	220	370	nm	10% of Max.
	GUVc-T10GC-5LW360	λ	220	280	nm	10% of Max.
Output Current	V _{out}	0		5	V	
Detection Power Range	P	0		20	mW/cm ²	
Response Time	T		10		ms	

Directional sensitivity

