



UV Sensor Probe

GUVx-T1xGC-3LO1



Features

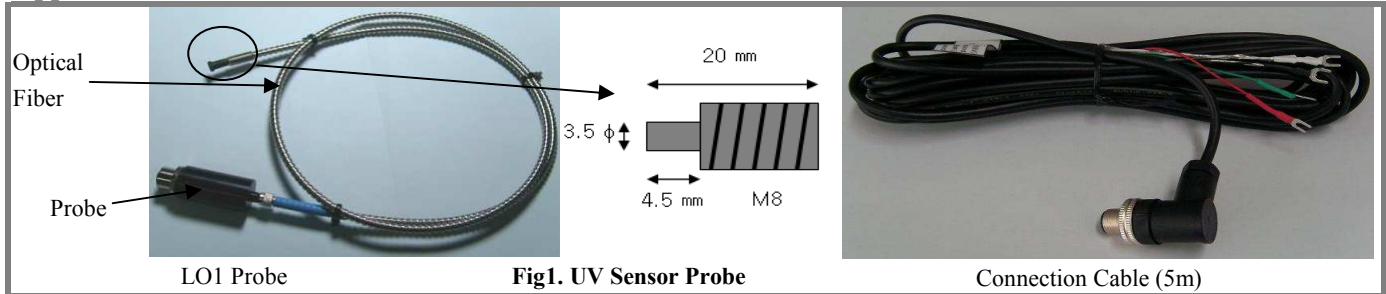
- Single Supply Voltage, Analog Voltage Output

- High Temperature Environment (under 200 °C)

Applications

UV Power Measure

UV Lamp Monitoring



Case dimensions

LO Probe (mm)		LO Probe Material	Optical Fiber		
Diameter	Total		Length (m)	Core (mm)	Material
20	56	Al-60	1	1	SUS 304

Absolute Maximum Ratings

Parameter	Min.	Typ.	Max.	Unit	Remark
Operating Temperature			200	°C	
		-30	85	°C	

Electro-Optical Characteristics (at 25 °C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Remark
Supply Voltage	V _{cc}	9		24	VDC	
Supply Current	I _Q		3.3		mA	
Detection Range	GUVV-T11GC-3LO1	λ	230	395	nm	10% of Max.
	GUVB-T12GC-3LO1	λ	220	320	nm	
	GUVV-T11GC-3LO1	λ	220	280	nm	
Output Voltage	V _{out}	0		5	V	
Detection Power Range	P	0		100	mW/cm ²	
Response Time	T		10		ms	

* maximum detection range : 100 mW / cm² (default), 1000 mW / cm² (optional)

Output Voltage along UV power

