

Model: WP-UVx-G3/4-1y

### **UV Sensor Probe**

#### **General features:**

- Water-resistant probe with sapphire window
- Single power supply
- Analog 0-5 V or 4-20 mA output
- High sensitivity and proven reliability

**Applications:** UV lamp monitoring, UV power measurement for waste/ballast water sterilization, UV curing process control, UV phototherapy monitoring

### **Specifications:**

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General parameters					
Dimensions	Window diameter (mm)		Weight (g)		Case material
See drawing below	8		200		316L
Parameters	Symbol	Symbol Valu		Unit	Remark
Maximum ratings					
Operation temperatu	re T <sub>opt</sub>	-30-85		°C	
Storage temperature	T <sub>sto</sub>	-40-90		°C	
Water resistance	р	10		bar	entrance window side
Electro-optical characteristics (25 °C)					
Supply voltage	voltage V <sub>cc</sub> 9		4	V	DC
Output signal	l <sub>out</sub>	4-20		mA	2 wire circuit (WP-UVx-G3/4-11)
					3 wire circuit (WP-UVx-G3/4-12)
	$V_{out}$	0-5		V	3 wire circuit (WP-UVx-G3/4-13)
		220-2	280		WP-UVC-G3/4-1y

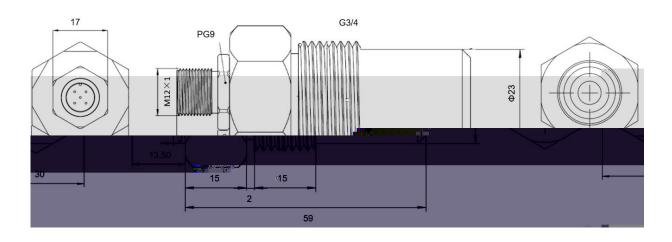
220-325

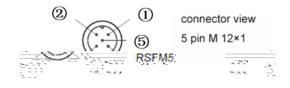
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#### **UV Sensor Probe**

### **Drawing (unit: mm)**





5-pin analog plug: pin 1=V<sub>cc</sub>, pin 2=null, pin 3=l<sub>out</sub> / V<sub>out</sub>, pin 4=GND / null, pin 5=null

## **Touchscreen UV radiometer (optional)**

- Fully compatible with all GaNo Opto s UV sensor probes
- Real time display of UV power density, UV source accumulated service time and UV source output efficiency
- System settings for UV output calibration, timer reset, operation status cartoon, threshold of failure alarm and initial 100% output efficiency normalization
- One channel input and 24 V power supply
- Customized Chinese and English versions

# 紫外能量计监控系统 UVC紫外光理 100.0 uW/cm<sup>1</sup> %源使用时间 光源轴出效率 0.0 小时 99.9 %

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# Lite-edition UV radiometer (optional)

- Fully compatible with all GaNo Opto s UV sensor probes
- 5 digital real time display of UV power density
- Pre-calibration or re-calibration for specific UV light source upon request
- Optional RS-485 or relay output
- One channel input and 9-24 V power supply

