



# UV Sensor Probe

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

## 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:

General parameters				
Dimensions	Window diameter (mm)	Weight (g)	Case material	
See drawing below	8	200	316L	
Parameters	Symbol	Value	Unit	Remark
Maximum ratings				
Operation temperature	$T_{opt}$	-30-85	°C	
Storage temperature	$T_{sto}$	-40-90	°C	
Water resistance	$p$	10	bar	entrance window side
Electro-optical characteristics (25 °C)				
Supply voltage	$V_{cc}$	9-24	V	DC
Output signal	$I_{out}$	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)
		220-280		WP-UVC-G3/4-1y

Detection wavelength 220-325

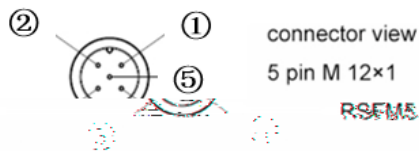
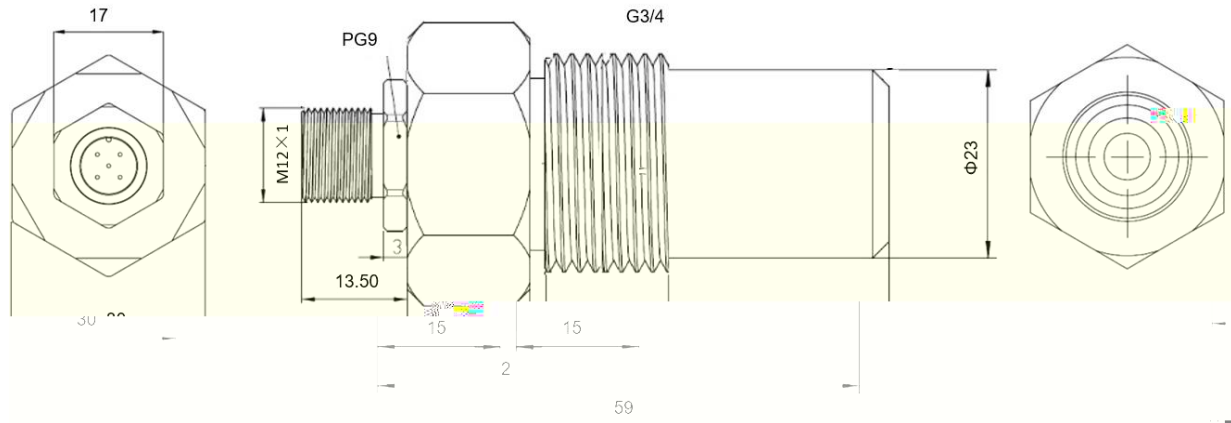




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Drawing (unit: mm)



5-pin analog plug: pin 1= $V_{cc}$ , pin 2=null, pin 3= $I_{out} / V_{out}$ , 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



## 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

