



UV Sensor Probe

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

General features:

- Water-resistant probe
- 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	11	160	316L	
Parameters	Symbol	Value	Unit	Remark
Maximum rating	E	(/ Ê s C		
	T	-40-90	°	ater
	p	>10	bar	
Electro-optical characteristics (25 °C)				
	V		V	D
	I _{out}	4-20	mA	2 wire circuit (WP-UVx-G3/4-41)
				3 wire circuit (WP-UVx-G3/4-42)
	V _{out}	0-5	V	3 wire circuit (WP-UVx-G3/4-43)
	λ	220-280	nm	WP-UVC-G3/4-4y
		220-325		WP-UVB-G3/4-4y
		220-370		WP-UVA-G3/4-4y
		290-440		WP-UVV-G3/4-4y
	P	0-200	mW/cm ²	See other options ²
Connection				
2 m cable with 5 mm female connector (cable length can be customized)				

¹

² UV power intensity measurement range: 0-200 mW/cm² (standard), 0-1 W/cm² (option), 0-10 W/cm² (option), 0-40 W/cm² (option).

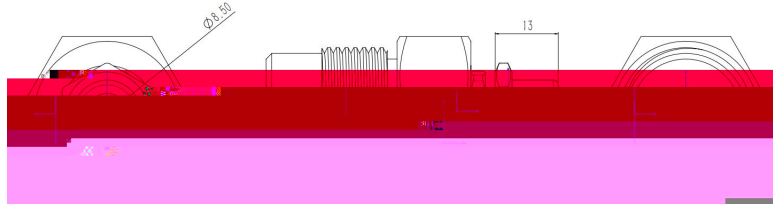


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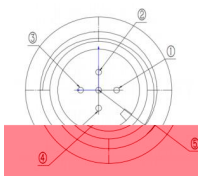
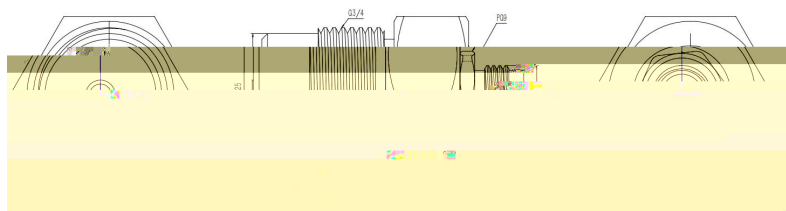
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Drawing (unit: mm)

Cable:



Circular connector:



connector view
5 pin M 12x1
RSFM5

5-pin analog plug:

pin 1= V_{CC} , pin 2=null,
pin 3= 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

