UV SENSOR "UV-Air"

Standard axis oriented in-chamber UV Sensor



UV Sensor "UV-Air"

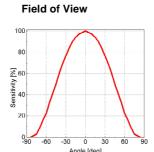
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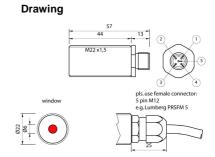
The sensor **UV-Air** is a cosine corrected axial looking UV sensor with a male thread (M22x1,5) with many mounting possibilities inside UV radiation chambers. Available calibrated (NIST or PTB traceable) on request.

The probe is amplified and shielded against electromagnetic interference. The visible blind sensors are based on a Silicon Carbide (SiC) UV photodiode, which guarantees highest radiation hardness, long term stability and >10¹⁰ visible blindness (ratio of UV to VIS-IR sensitivity). Blue and GaP type sensors are based on a Galliumphosphide (GaP) UV photodiode. Please find at page 2 an individual configuration procedure which allows the prospective user to select the correct spectral response (STEP 1), different output types (STEP 2) and to select a sensitivity range (STEP 3).

Picture







Specifications

Fixed Specifications	
Parameter	Value
Dimensions	pls. refer to the drawing
Weight	80 g
Temp. Coefficient	0,035%/K
Operating Temp.	-20+80℃
Storage Temp.	-40+80℃
Llumidity	200/ non condensing

Humidity <80%, non condensing,

> 100% on request:

submersible

Configurable Specifications

Configurable Specifications		
Parameter	Value	
Absolute Sensitivity	1nW/cm ² 10W/cm ²	
Spectral Sensitivity	UV-Broadband, UVA, UVB, UVC, UV-Index	
Signal Output	05V, 420mA, USB, impulse count	
Connections	2m cable or 2m cable with 5 pin male	
	connector type Lumberg PRSFM5	
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Please find the configuration guide at page 2 of this datasheet		

Monitor Accessories



Please consider our UV monitor and UV controller offer.



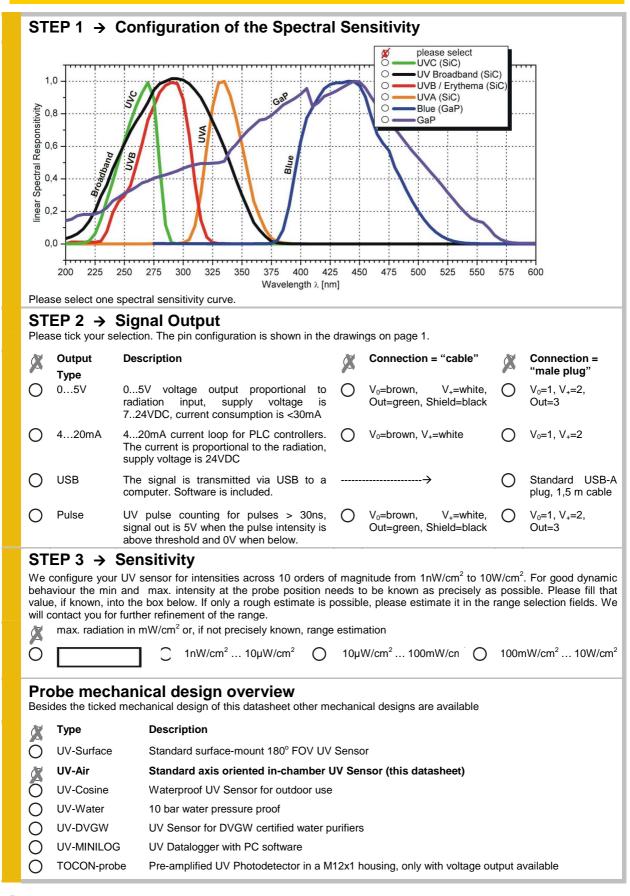
We are pleased to issue an individual quotation for NIST or PTB traceable calibration.

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