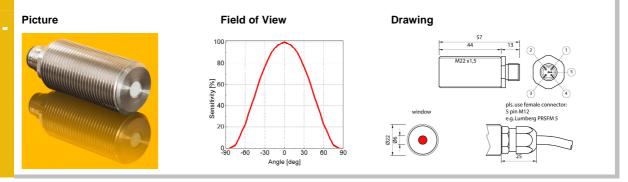


UV Sensor "UV-Air"

Standard axis oriented in-chamber UV Sensor

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 $>10^{10}$ 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).



Specifications			
Fixed Specifications		Configurable Specifications	
Parameter	Value	Parameter	Value
Dimensions	pls. refer to the drawing	Absolute Sensitivity	1nW/cm ² 10W/cm ²
Weight	80 g		
Temp. Coefficient	0,035%/K	Spectral Sensitivity	UV-Broadband, UVA, UVB, UVC, UV-Index
Operating Temp.	-20+80℃	Signal Output	05V, 420mA, USB, impulse count
Storage Temp.	-40…+80℃	Connections	2m cable or 2m cable with 5 pin male connector type Lumberg PRSFM5
Humidity	<80%, non condensing, on request: 100% submersible	Please find the configuration guide at page 2 of this datasheet	

Monitor Accessories



Please consider our UV monitor and UV controller offer.

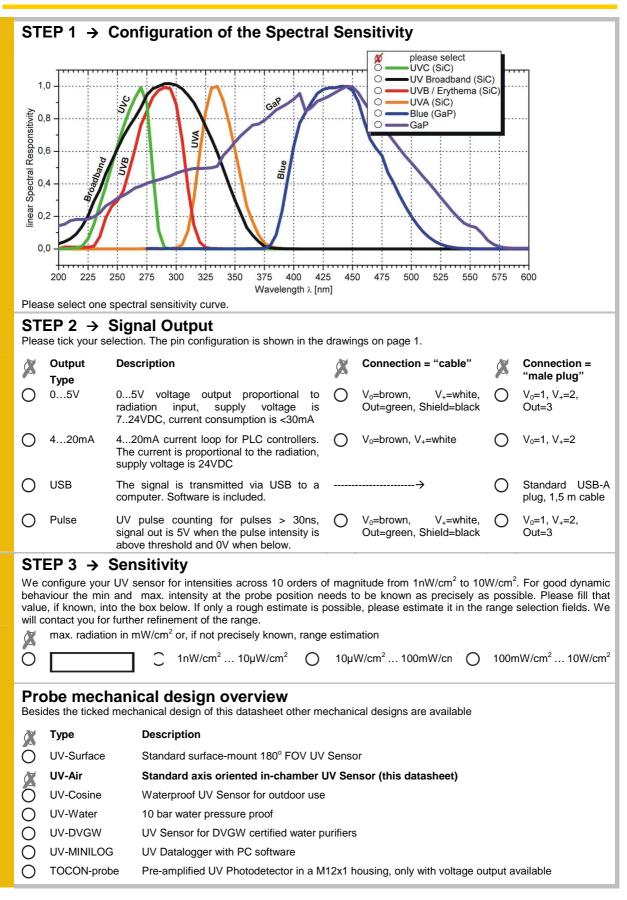
Calibration



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

Rev. 2.0

page 1



Rev. 2.0

page 2

Sgll

The UV Experts

Manufacturer: sglux GmbH, Max-Planck-Str. 3, D-12489 Berlin, Tel. +49 30 5301 5211, Fax +49 30 5301 5209 mail: welcome@sglux.de - web: www.sglux.de - WEEE No. DE 76297302