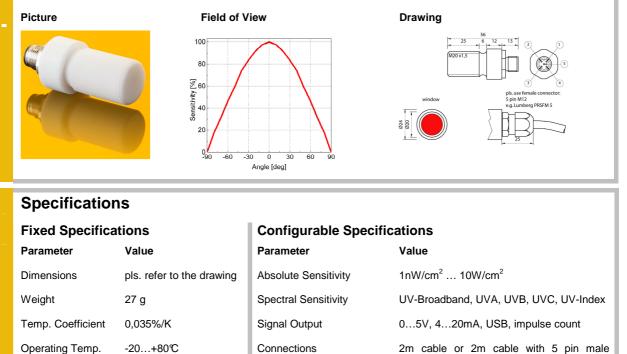


UV Sensor "UV-Cosine"

Waterproof UV Sensor for outdoor use

The sensor UV-Cosine is an outdoor cosine corrected waterproof sensor (IP68 at window side, IP65 at plug side, or, on request IP68 for submerge applications). The PTFE housing is stain repellent. 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).



connector type Lumberg PRSFM5

Please find the configuration guide at page 2 of this datasheet

Monitor Accessories

Ø Ø C

on

submersible

Humidity

Please consider our UV monitor and UV controller offer.

<80%, non condensing,

100%

request:

Calibration



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

Rev. 2.0

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