UV SENSOR "UV-DVGW"

UV Sensor for DVGW certified water purifiers



UV Sensor "UV-DVGW"

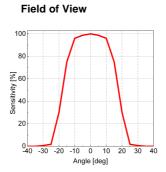
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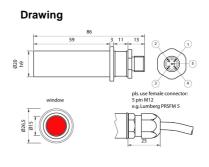
The sensor UV-DVGW is a special type suitable for use with DVGW certified water purifiers. It complies with the standard DVGW W294-3(2006). Always delivered calibrated according to DVGW requirements.

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

Temp. Coefficient

Fixed Specifications

Parameter Value **Dimensions** pls. refer to the drawing Weight 120 g

Operating Temp. -20...+80℃

Humidity <80%, non condensing,

request: 100%

submersible

0.035%/K

Configurable Specifications

Parameter Value

Absolute Sensitivity 1nW/cm² ... 10W/cm²

UVC Spectral Sensitivity

Signal Output 0...5V. 4...20mA. USB

Connections 2m cable or 2m cable with 5 pin male

connector type Lumberg PRSFM5

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.

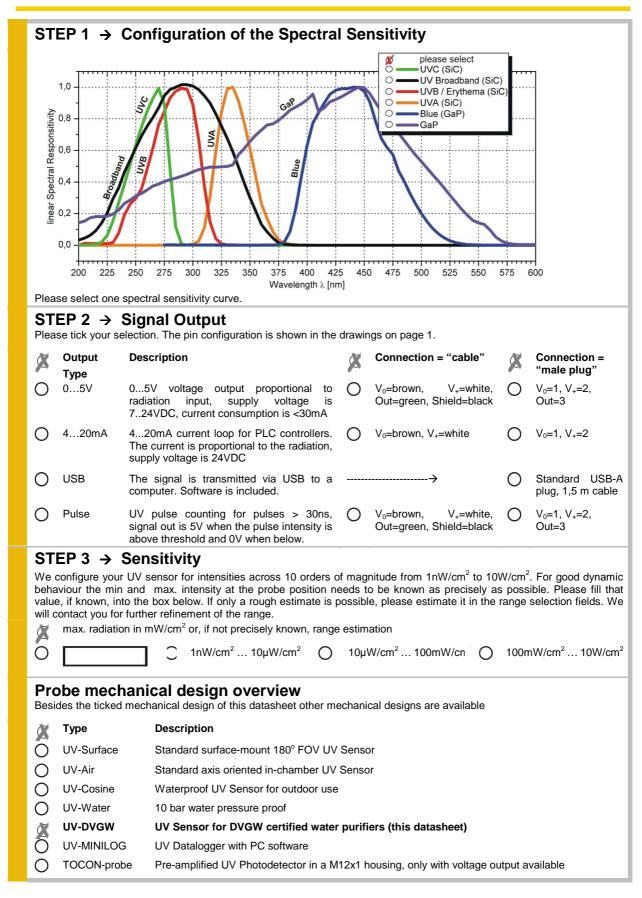
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