Photonic Measurements

Controller

Optimise your Water Treatment using UV254

Measure several parameters from a UV254 sensor and connect via 4-20mA, which relays information to the control room. Dedicated relay can trigger the probe cleaning cycle.

Applications

Drinking Water

- Coagulation optimisation
- UV Disinfection

Waste Water

- Distribution system contamination
- Source water monitoring /protection
- Reverse Osmosis
- DBP formation potential

Benefits

Fast, Accurate Results

- Results every 10 seconds
- Real-time BOD, COD, TOC & DOC indicative measurements & physical UVA, UVT, IRA, and TSS

Operational Efficiencies

- Low energy consumption (< 5 watts)
- Power saving mode available
- No reagent purchase or disposal
- Long-range communication over 4-20mA
- Operates probe cleaning system

Ease of Use

- Easy calibration of probes
- Intuitive user interface with 4-button navigation

Data Integrity

- Password protected
- Optional datalogging up to 20 years

Ease of Install & Maintenance

- Easy installation and placement
- IP66 housing suited for outdoor installation
- Multiple mounting options
- Powered by mains or DC

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Specifications

Display	3” Graphic LCD 128 x 64 px
Dimensions	130 (H) x 160 (W) x 60 (D) mm
Rating	IP66
Supply	9-36v dc 100-240v ac
Data Storage	Up to 20 years (Options Available)
4-20mA	2 outputs
Relays	3 Programmable Relays 230V 5amp

Temperature Range	-20 - +80 degrees c
Warranty	2 years
Approvals	ASA+PC, UL 94V-0
Energy Consumption	< 5 Watts
Wall Mountable	Yes

Languages

- Afrikaans
- Chinese
- Czech
- English
- French
- German
- Greek
- Hungarian
- Irish
- Korean
- Polish
- Portuguese
- Russian
- Slovak
- Spanish
- Welsh

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* Measurement of surrogates requires routine calibration to standard procedures, as the water matrix chemistry may change with time.

**Measurement of SUVA requires the probe to be periodically updated with the current dissolved organic carbon from the water.