



UVT-LED-PW PROCESS MONITOR

PRODUCT SPECIFICATION SHEET

ONLINE UV TRANSMITTANCE MONITORS WITH LED TECHNOLOGY



Simple connectivity with direct 4-20mA output

Effortless installation with small footprint

Patented automatic cleaning and calibration

Accurate and reliable for demanding applications

Stable measurements driven by UV-C LED technology

Continuous monitoring for UV disinfection control

Brilliant LED Light. Smarter UV-Transmittance Monitoring. Seamlessly protect downstream processes from organic content fluctuations in water, and always ensure proper disinfection through continuous monitoring of UV-Transmittance. Sensorex's UVT-LED transmittance monitors are the first UVT monitors in the world to use a UV-LED light source. This technology offers advantages over traditional mercury lamp UVT instrumentation, including stable output with zero warm up time. The result is more accurate UVT measurements over a longer period of time, without the need for frequent recalibration or light source replacement. Maintenance is minimal thanks to our patented wiper technology, which delivers a swift cleaning cycle and automatic calibration to a quartz reference standard.

Installing a Sensorex UVT-LED-PW is effortless: our on-line UVT monitors have the smallest footprint of any commercially available UV-transmittance sensor solution. The Sensorex UVT-LED-PW seamlessly retrofits existing systems or integrates into new designs. There's no need for additional hardware or a controller with the Sensorex UVT-LED-PW. The sensor directly outputs a 4-20mA signal for tuning the power of a UV disinfection system or monitoring with a data logger.

SPECIFICATION SHEET COVERS:

- **UVT-LED-PW**

DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

11751 MARKON DRIVE • GARDEN GROVE, CA 92841 • 714.895.4344 • WWW.SENSOREX.COM

© Sensorex Corporation. All rights reserved. In the interest of improving and updating its equipment, Sensorex reserves the right to alter specifications to equipment at any time.

SPECIFICATIONS

Measurement Technique	UV Absorption Method (Single Beam Technique), Reagent-Free
Measurement Path Length	1cm
Wavelength	254nm
Output	4-20mA
Power Supply	24V DC (included)
Accuracy	1.0% T
Resolution	0.1% T
Display	LCD with LED Backlight
Measurement Range	10% - 100% T
Measurement Interval	60 seconds
Sample Flow Rate	N/A
Inspection Interval	6 months
User Maintenance	1 hour/month (Typical)
IP Ingress Rating	IP66
Warranty	2 year limited warranty
Dimensions	7.55" H x 2.56" DIA
Weight	1.6 lbs (0.73 kg)

INDUSTRIES:

- Drinking Water
 - Wastewater
- Food and Beverage
- Pharmaceutical
- Semiconductor
- Ballast Water

WHAT'S INCLUDED:

- UVT-LED-PW Transmittance Monitor
 - Cleaning Swab
- Worldwide Power Supply

ORDERING INFORMATION

Part Number	Description
UVT-LED-PW	Process (On-line) UV-Transmittance Monitor

OUTLINE AND DIMENSIONS

