



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

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UVT-LED-PW PROCESS MONITOR

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SPECIFICATIONS

Measurement Technique	UV Absorption Method (Single Beam Technique), Reagent-Free
Measurement Path Length	1cm
Wavelength	254nm
Output	4-20mA
Power Supply	24V DC (not 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:

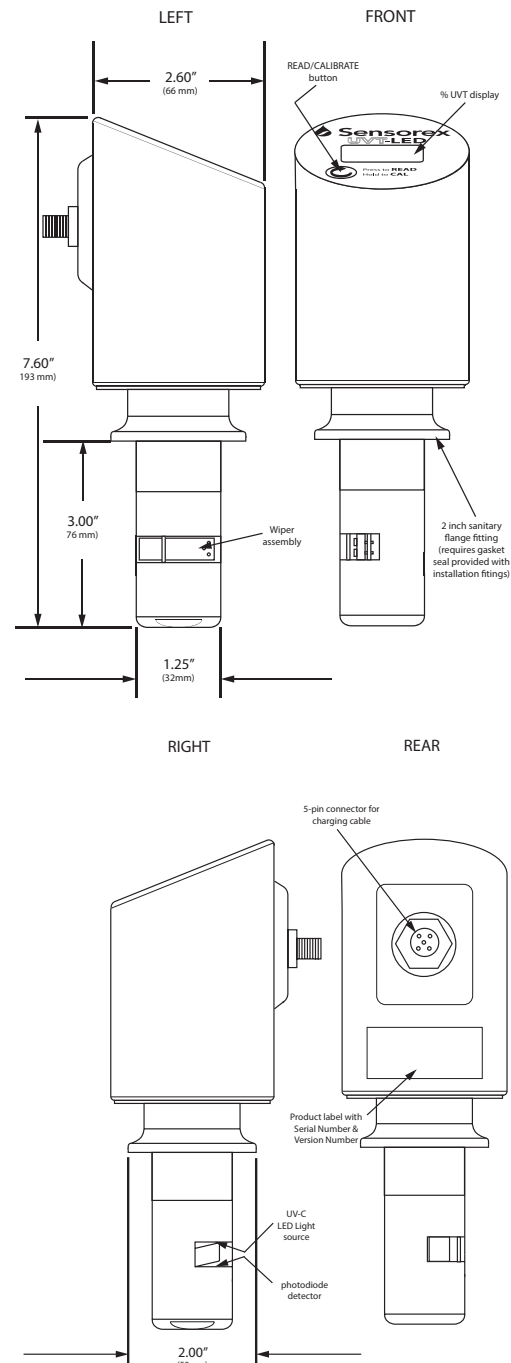
UVT-LED-PW Transmittance Monitor
Cleaning Swab
Worldwide Power Supply

ORDERING INFORMATION

Part Number Description

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

OUTLINE AND DIMENSIONS



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