



## SOLIS® Sensor Flushometer

### SOLIS 8186 BT

#### Product description

### SOLIS® Exposed Sensor Urinal Flushometer.

#### Compliances & Certifications



(ADA Compliant\*, BAA Compliant, EPD, HPD, IAPMO, LEED Water, cUPC Certified, EPA WaterSense Listed)

Listed compliances and certifications may vary based on product variation.

#### Finish



Available in Polished Chrome (CP), Graphite (GR).

#### Connectivity

 Bluetooth with Sloan Connect App

#### Downloads

-  Solis 8100 Series Installation Instructions
-  Exposed Solis BT Repair and Maintenance Guide
-  Control Stop Repair and Maintenance Guide
-  Flush Connections Flanges Repair and Maintenance Guide
-  Additional Downloads

#### Videos

-  PVD Special Finishes

Features

- Wireless connected device for real time diagnostic and adjustable product settings
- Sloan Connect App® readily available for smart phone and tablet devices
- “Low Battery” Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Solar Powered- The sensor assembly is powered by a solar cell that will harvest power from the artificial indoor light (incandescent, fluorescent or LED), and use it as the energy source. The solar cell can provide approximately 100% power with 650 illuminance (lux).
- Four (4) Size AA Battery Back-up Power Source
- Synthetic rubber seals for chloramine resistance
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Fixed metering bypass and no external volume adjustment to ensure water conservation
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Engineered Metal Cover with replaceable Lens Window
- ADA Compliant Sloan Solis® Solar Powered Infrared Sensor for automatic “No Hands” operation
- 3/4” IPS screwdriver Bak-Chek® angle stop with vandal resistant stop cap
- High Copper, low zinc brass castings for dezincification resistance
- Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass
- Valve shall be in compliance to the applicable sections of ASSE 1037

Battery Specifications

| Usage     | 4-AA Battery Service Life† |        |          |         |
|-----------|----------------------------|--------|----------|---------|
|           | 26 yrs                     | 20 yrs | 10.6 yrs | 8.6 yrs |
| per month | 500                        | 1,000  | 3,000    | 4,000   |
| per day   | 25                         | 50     | 150      | 200     |

† Service life varies according to actual usage and restroom conditions  
Battery shelf life: Alkaline= ~10 years - Lithium= ~25 years

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Warranty

[View Warranty Information](#)

Notes

All information contained within this document subject to change without notice.

\*Compliant with ADA accessibility requirements when installed according to ADA standards.

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