

## CODE NUMBER

33700014

## DESCRIPTION

0.5 gpf, SC Argus™ Pro Compatible, Dual-Filtered Fixed Bypass Diaphragm, Polished Chrome Finish, 0.75 Flush Connection, Fixture Connection Top Spud, Single Flush, Electrical Override, Solar, Infrared, 10.5" Vacuum Breaker, SOLIS® Exposed Sensor Urinal Flushometer.

## DETAILS

- Flush Volume: 0.5 gpf (1.9 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Solar
- Valve: Diaphragm
- Bypass: Dual-Filtered Fixed Bypass Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 ½" (292mm)
- Spud Coupling: ¾" (19mm)
- Supply Pipe: ¾" (19mm)
- Program: SC Argus™ Pro Compatible
- Override: Electrical
- Vacuum Breaker: 10.5"
- Flush Connection: 0.75

## FEATURES

- Wirelessly connects to Sloan's SC Argus Pro smart restroom system
- Standard operation when not connected to SC Argus Pro
- Solar Powered. Harvests power from artificial indoor light (incandescent, fluorescent or LED)
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Four (4) Size AA Battery Backup Power Source with "Low Battery" Flashing LED
- 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
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Courtesy Flush® Override Button

## IoT Smart Capabilities

- Provides detailed product information, image, model, total activations, total operating hours, room location, operating status and battery life
- Sends alarms and notifications to alert staff of potential issues and preventative maintenance
- Requires subscription to SC Argus Pro for remote management and monitoring, reports and smart features

## VIDEOS



## COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, BABAA Compliant, cUPC Certified, cUPC Green Certified, EPD, FCC Certified, HPD, LEED V4 Water Efficiency Credit, UPC Certified, WaterSense Listed)

## RECOMMENDED SPECIFICATION

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

## BATTERY SPECIFICATIONS

Usage	4- AA Battery Service* Life			
	24 yrs	18 yrs	9 yrs	7.2 yrs
per month	500	1,000	3,000	4,000
per day	25	50	150	200

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

## ELECTRICAL SPECIFICATIONS

- Arming Delay: 8 seconds
- Flush Delay: 3s

## VALVE OPERATING PRESSURE (FLOWING)

15–80 PSI (103–552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

## DOWNLOADS

- [Solis 8100 Series Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Tail Piece Repair and Maintenance Guide](#)
- [Exposed Solis Repair and Maintenance Guide](#)

**Sloan 10500 Seymour Ave, Franklin Park, IL 60131**

Phone: 800.982.5839 • Fax: 800.447.8329 • [sloan.com](http://sloan.com)

- ▶ PVD Special Finishes
- ▶ SC Argus™ Pro

- [Flushometer Pressure gauges](#)
- [Additional Downloads](#)

#### NOTES

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

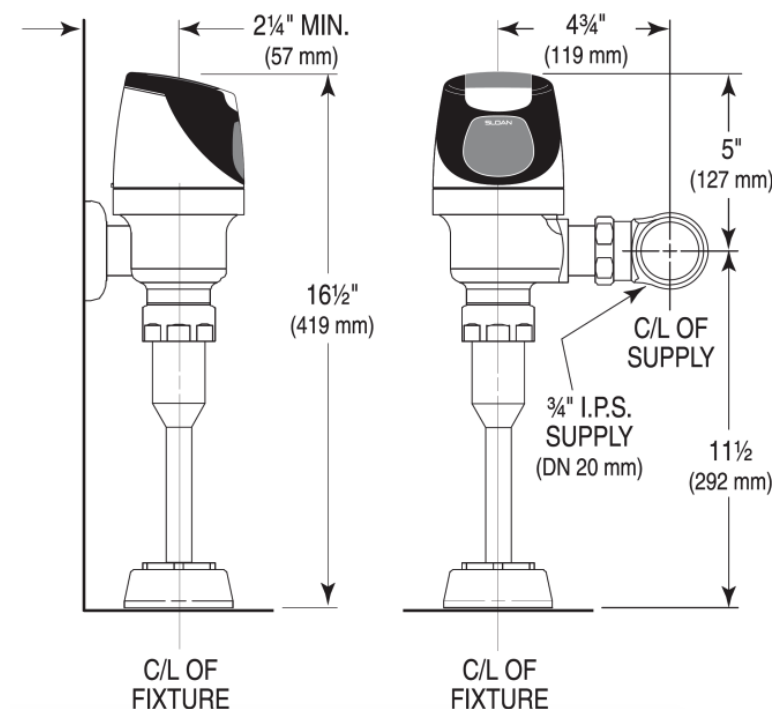
Looking for other variations of the SOLIS 8186 SMT product?  
[View the general spec sheet with all options.](#)

WaterSense compliant when used with a WaterSense compliant fixture

#### WARRANTY

[View Warranty Information](#)

#### ROUGH-IN



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