

# Sensor Deck Mounted Tap / Small

TSL.990

The TSL.990 is a stainless steel deck mounted sensor tap, available in a variety of coloured finishes, with a sleek and minimalist design.

Finish	Codes	LRV*
● Satin	TSL.990.CS	58
● Black	TSL.990.BK	3
● Brass	TSL.990.BR	40
● Copper	TSL.990.CP	19
● Chrome	TSL.990.C	75

Light Reflectance Value\*

**+ Satin**



**+ Black**



**+ Brass**



**+ Chrome**



**+ Copper**



## Technical Data

Weight	1.4kg
Material	AISI 304 Stainless Steel
Min/Max pressure	0.5 – 7.5 bar
Flow Rate	3.8 litres/minute; also available – 1.3l/min spray, 1.89l/min spray
Aerator	Cascade flow
Coating Type	PVD (colours only)
Max hot water temperature	60°C
Temperature control	Single feed pre-mixed required
Power Supply (Battery)	6V CR-P2 Lithium Battery
Power Supply (Mains)	100–240V; 1.5A; 50–60Hz PSU.
Output (Max)	6V; 6W max
Power Consumption	< 80µA
Solenoid Valve	6V
Water Ingress (PSU)	IP67
Cable Lengths	Connection to sensor cable – 400mm Connection to fused supply – 1.5m
Sensor Type	Infra red
Pre-set sensor range	120mm
Maximum sensor range	250mm
Comfort Delay	2 seconds
Security Time-out	30 seconds
Operating Temperature	0 to 50°C
Response Time (max)	< 300ms

## Installation requirements

Countertop Cut-out Size	ø 35mm
Maximum Countertop Thickness	50mm
Plumbing Connection	1/2" BSP female connection required to solenoid valve

**Power Supply**  
3amp fused spur to be connected to IP68 transformer supplied; low voltage push fit connector to tap. For more reliable operation, it is not recommended that sensor taps are connected to an occupancy circuit. All connections must be in accord with the current local regulations in force.

**Access Requirements**  
Solenoid/isolation valves must be accessible for initial installation & commissioning and for ongoing/routine maintenance.

**Washroom Layout**  
Avoid installing the sensor tap directly opposite other sensor taps, soap dispensers, infrared devices or reflective surfaces.  
Careful consideration should be made when choosing the positioning of lighting and other reflective surfaces which may affect sensor performance.

**Water Supply**  
0.5 Bar is the recommended minimum pressure for the taps to operate effectively. 7.5 Bar is the maximum pressure for commissioning and is NOT recommended for general use.  
Gravity-fed systems may require a booster pump to achieve the optimal operating pressure.  
All pipework must be thoroughly cleaned and clear of any debris before connecting the tap.

## Compliance & certificates

---

WRAS

Certificate No 2012304

---

CE

PSU conforms to RoHS, REACH, EN15091

---

BREEAM

Qualifies for up to 5 credits as part of water efficiency assessment

---

Continued on next page

## Key Components/Spare Parts

Solenoid Connector Cable  
TSLP.120032

Sensor Water & Air  
TSLP.260014

Mains Power Supply 6V  
TSLP.270066

Solenoid Valve  
TSLP.120030

Aerator Key  
TSLP.260050

Aerator Cascade 3.8L/min Airted  
TSLP.260062

Aerator Cascade 1.89L/min Spray  
TSLP.260063

Basket Filter for Solenoid Valve  
TSLP.08530015

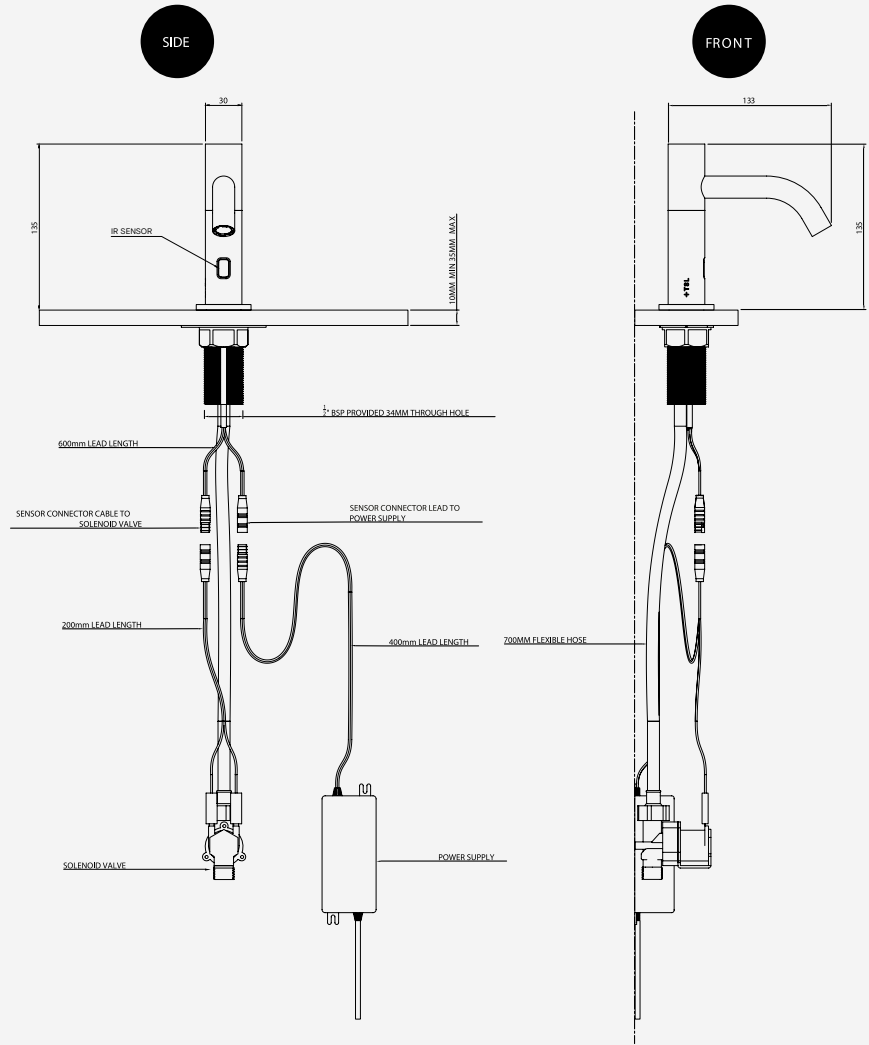
## Optional Extras

Lithium Battery 6V  
TSLP.270030

Battery Holder  
TSLP.270029

Height Extension Kit / 130mm  
TSLP.EX130

## + Technical drawing



## Warranty & Spare parts

For warranty terms and conditions please visit [www.thesplashlab.com](http://www.thesplashlab.com)

If additional spare parts are required and are not listed above, please contact us at [info.uk@thesplashlab.com](mailto:info.uk@thesplashlab.com)

## Related products



**Sensor Deck Mounted Soap Dispenser**  
TSL.420



**Deck Mounted Soap Dispenser**  
TSL.410



**Sensor Deck Mounted Tap/Large**  
TSL.960



**Monolith M Series - 450mm**  
TSL.M