

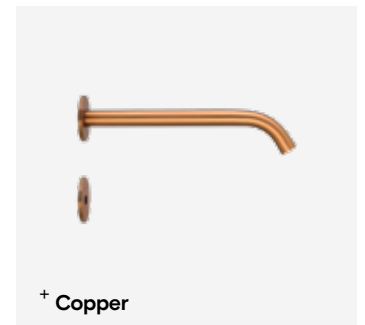
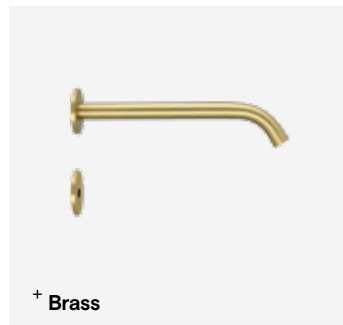
IR Sensor Tap

TSL.882

The TSL.882 features a sleek wall mounted spout with accompanying sensor housing and is available in a range of finishes.

Finish	Codes	LRV*
● Satin	TSL.882.CS	51
● Black	TSL.882.BK	3
● Brass	TSL.882.BR	40
● Copper	TSL.882.CP	19
● Chrome	TSL.882.C	58

Light Reflectance Value*



Technical Data

Body Material	AISI 304 Stainless Steel
Coating Type	PVD (colours only)
Aerator	Cascade
Water Pressure (Dynamic)	0.5 to 7.5 Bar [0.05 to 0.75MPa]
Water Temperature (max)	60°C
Flow Rates	3.8 litres/minute - Cascade flow
Also available	1.9 litres / minute - Spray flow 1.35 litres / minute - Spray flow
Power supply	TSL-882 110-230 Vac, 50-60Hz, 1.5A
Output (max)	TSL-885 6 V CR-P2 Lithium battery 6 Vdc, 1A
Power consumption	< 87% Active mode, 0.3W No load
Solenoid valve type	6V Latching
Water Ingress	IP55
Cable lengths	800mm - Power supply connection 800mm - Solenoid valve connection
Sensor type	Infrared
Pre-set sensor range	220mm
Sensor range (max)	250mm
Comfort delay	2 sec
Security time-out	30 sec
Operating Temperature	0 to 50°C
Response Time (max)	0.3 - < 1 sec

Installation requirements

Wall Cut-out Hole Size	Ø16mm (Spigot)
Depth of Wall Cavity (min)	Ø40mm (Sensor Housing)
Wall Thickness (max)	100mm
Plumbing Connection	50mm (incl. finishes)
Power supply cable	½" BSP (female) brass fitting is required to connect to the solenoid valve housing To be hard wired in to fused connection unit (FCU) or spur
Water supply	1.0 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.
Washroom layout	Solenoid valve must be accessible for installation, commissioning and ongoing maintenance. 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

Compliance & certificates

BREEAM, LEED WRAS	Certificate No 1809302
EMC compliance	Electromagnetic compatibility directive 2004/108/CE, and Low Voltage 2006/95/CR

Included

IR Sensor Tap

Aerator

Tap spout

Aerator key

Wall bezel

Wall seal gasket

Anti rotation plate

Elbow coupling

Inline filter / strainer

Solenoid valve

Sealing washer

Solenoid valve adapter coupling

Straight coupling

Sensor housing locking nut

IR sensor

Sensor housing

Mains power supply unit

Battery holder

Battery

Sensor housing anti-rotation plate

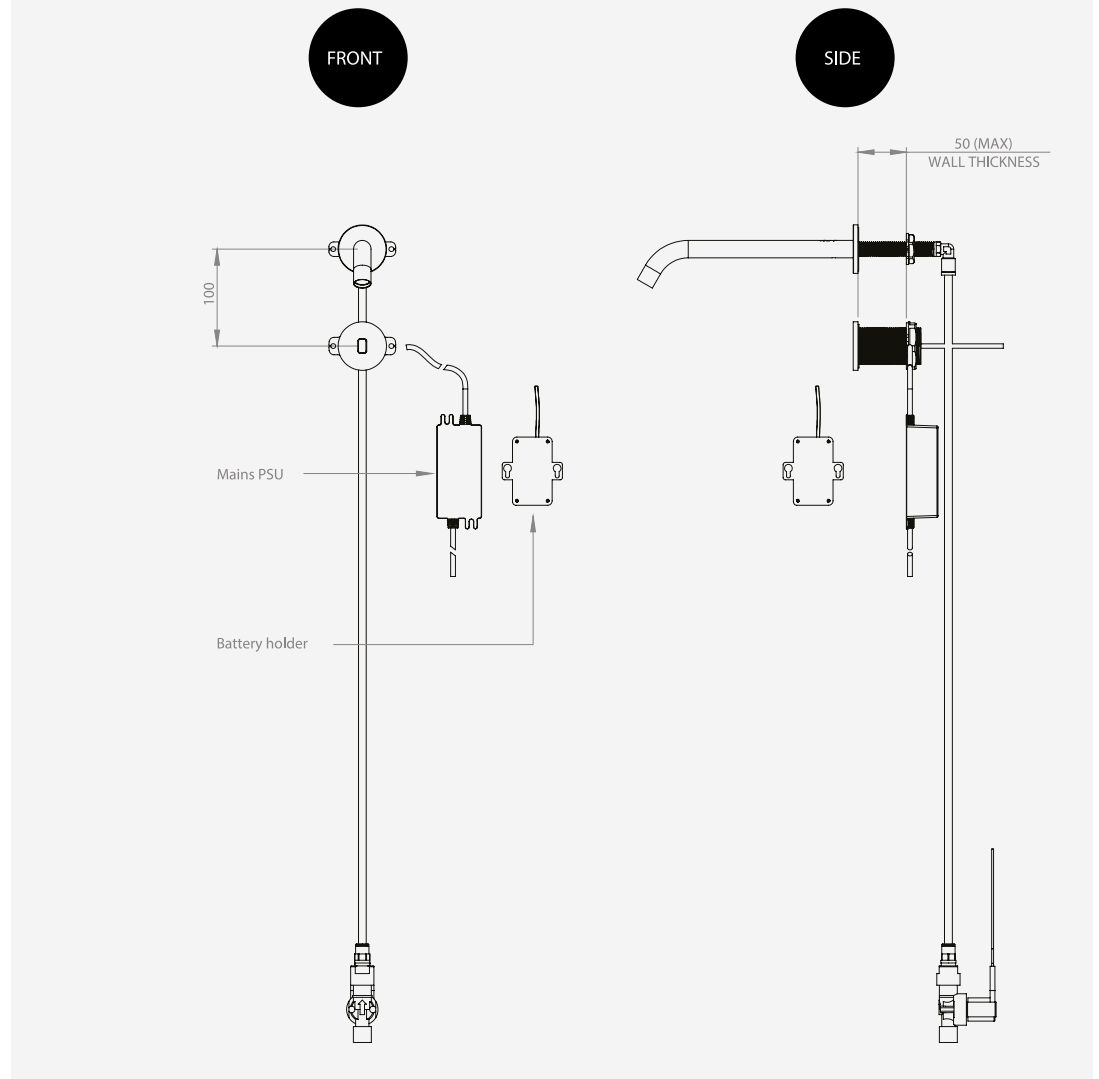
Sensor housing fixing nut

Solenoid connector cable

Hex wrench

Inlet tubing

+ Technical drawing



Spare parts

If a situation arises where you require replacement components outside of a maintenance contract, there may be provision to obtain spare parts. Providing the components are under warranty and the parts have become non-functioning during normal use within their assumed usable life, they may be replaced. Should a replacement mains power supply be required it is imperative that an identical type is used. Contact **The Splash Lab** for further information.

Part	Codes
Long Range IR Sensor	TSLP.260045
Solenoid Valve	TSLP.120030

Related products



Sensor Deck Mounted Tap / Large
TSL.960



Wall Mounted Sensor Soap Dispenser
TSL.467