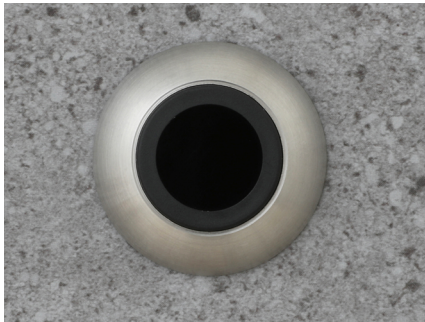


# TAP CONTROLS—STAINLESS STEEL

Simply put your hand within 50mm of the sensor to turn water on. Turns water off automatically after use

You can choose your own tap spout or one of ours. Sensor is fitted remotely.

## TPTS model brushed stainless steel Tap Sensor kits – “No touch” hygienic sensor operation



### Mains Powered (0.5 Bar - 6 Bar)

#### TPTS-M/HP/SS/1 Tap Sensor kit

- 1 no. Mains-powered tap control box
- 1 no. 15mm Plastic 12V solenoid valve
- 1 no. Sensor c/w 38mm steel bezel

#### TPTS-M/HP/SS/2 Tap Sensor kit

- 1 no. Mains-powered tap control box
- 2 no. 15mm Plastic 12V solenoid valve
- 2 no. Sensor c/w 38mm steel bezel

### Battery Powered (0.75 Bar - 10 Bar)

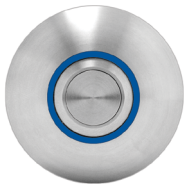
#### TPTS-B/HP/SS/1 Tap Sensor kit

- 1 no. Battery-powered tap control box
- 1 no. 15mm G202 6V solenoid valve
- 1 no. Sensor c/w 38mm steel bezel

#### TPTS-B/HP/SS/2 Tap Sensor kit

- 1 no. Battery-powered tap control box
- 2 no. 15mm G202 6V solenoid valve
- 2 no. Sensor c/w 38mm steel bezel

## Electronic brushed steel Tap Touchpad Switch kits – Lightly press the touchpad switch to turn water on



Blue for cold water



Red for hot water

### Mains Powered (0.5 Bar - 6 Bar)

#### TPTS-M/HP/1 Tap Touchpad kit

- 1 no. Mains-powered tap control box
- 1 no. 15mm Plastic 12V solenoid valve
- 1 no. Touchpad switch (specify colour)

#### TPTS-M/HP/2 Tap Touchpad kit

- 1 no. Mains-powered tap control box
- 2 no. 15mm Plastic 12V solenoid valve
- 2 no. Touchpad switch: 1 red, 1 blue

### Battery Powered (0.75 Bar - 10 Bar)

#### TPTS-B/HP/1 Tap Touchpad kit

- 1 no. Battery-powered tap control box
- 1 no. 15mm G202 6V solenoid valve
- 1 no. Touchpad switch (specify colour)

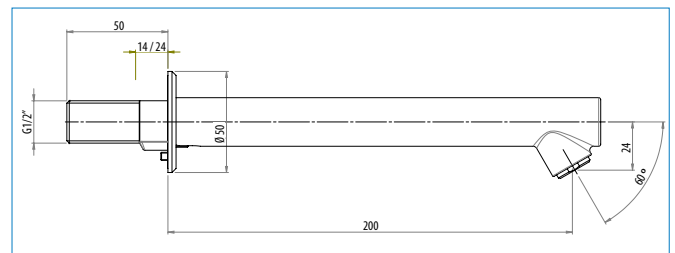
#### TPTS-B/HP/2 Tap Touchpad kit

- 1 no. Battery-powered tap control box
- 2 no. 15mm G202 6V solenoid valve
- 2 no. Touchpad switch: 1 red, 1 blue

# BRUSHED STAINLESS STEEL TAP SPOUTS

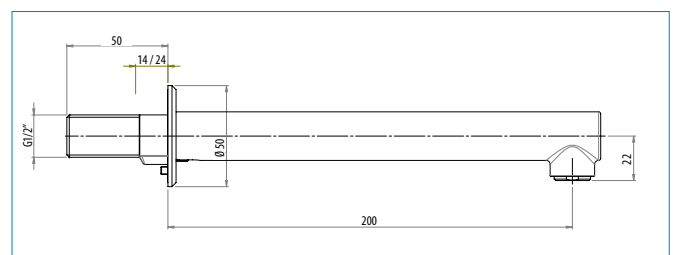
Use our remote TPTS model Brushed Steel Tap Sensor kits or Tap Touchpad Switch kits to control the water flow to these spouts.

## Brushed steel spout with 60° water outlet with integral 5 Lpm flow regulator



Order Code: EZ-SS-60

## Brushed steel spout with 90 degree water outlet with integral 5 Lpm flow regulator



Order Code: EZ-SS-90

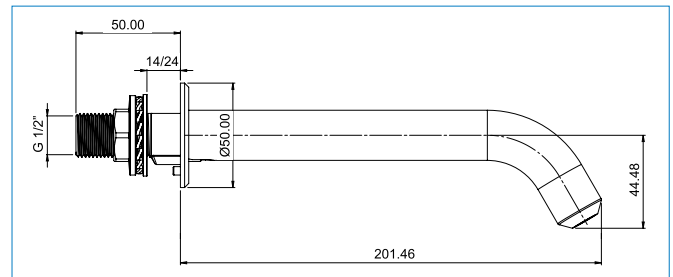
## BRUSHED STAINLESS STEEL TAP SPOUTS (Cont.)

Use our remote TPTS model Brushed Steel Tap Sensor kits or Tap Touchpad Switch kits to control the water flow to these spouts.

Panel mounted spouts made from brushed stainless steel. Can be used in any application but designed specifically for **healthcare environments** as the spout can quickly & easily be removed (**with "Twist-and-Lock" mechanism**) by the building manager for cleaning, ensuring minimal downtime. No flow regulator in nozzle.

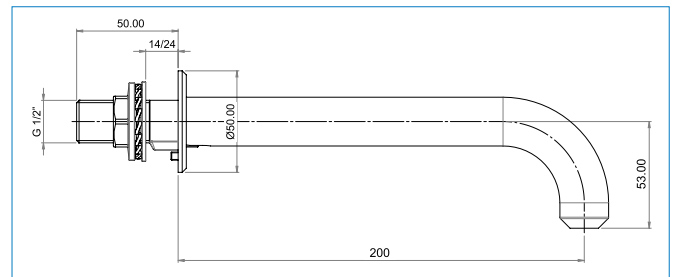


### "Twist-and-Lock" spout with 60 degree unrestricted (no flow regulator) water outlet



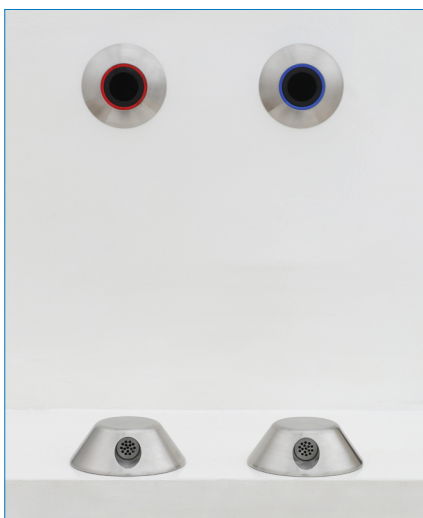
Order Code: **SSEZ-60-Healthcare**

### "Twist-and-Lock" spout with 90 degree unrestricted (no flow regulator) water outlet



Order Code: **SSEZ-90-Healthcare**

### Special Brushed Stainless Steel AV Tap Sensor Kits



For applications that require separate hot and cold supplies per basin please use our colour coded anti-vandal Sensors. Steel thread sensor—ideal for custodial and mental health applications.

**Mains-powered**  
water pressure 0.5 Bar – 6 Bar

Order Codes:  
**TPTS-M/HP/1 Tap AV Sensor Kit**

- 1 no. Mains-powered tap control box
- 1 no. 15mm Plastic 12V solenoid valve
- 1 no. Steel AV Sensor (specify colour)

**TPTS-M/HP/2 Tap AV Sensor Kit**

- 1 no. Mains-powered tap control box
- 2 no. 15mm Plastic 12V solenoid valve
- 1 no. Red Stainless Steel AV Sensor to denote hot water
- 1 no. Blue Stainless Steel AV Sensor to denote cold water

**Battery-powered**  
water pressure 0.75 Bar – 10 Bar

Order Codes:  
**TPTS-B/HP/1 Tap AV Sensor Kit**

- 1 no. Battery-powered tap control box
- 1 no. 15mm G202 6V solenoid valve
- 1 no. Steel AV Sensor (specify colour)

**TPTS-B/HP/2 Tap AV Sensor Kit**

- 1 no. Battery-powered tap control box
- 2 no. 15mm G202 6V solenoid valve
- 1 no. Red Stainless Steel AV Sensor to denote hot water
- 1 no. Blue Stainless Steel AV Sensor to denote cold water

You can use our TPTS model AV tap sensor kits to control your own spouts or choose our spouts (pictured above with our ALN-DM ligature resistant deck-mounted brushed steel tap spouts from our vandal resistant and/or anti-ligature spouts and showerheads).

# TAP SENSOR CONTROL KITS—TECHNICAL

**Anti-Ligature & Vandal Resistant:** Ideal for custodial/mental health/public & commercial applications.

**Optional Purge Facility:** Available on both mains- and battery-powered kits, "Purge Facility" allows you to set the tap to come on automatically if it has not been normally operated for more than a 24 hour period (to help prevent dead legs).

**Optional Lock-Out Facility:** Available on mains-powered kits only, "Lock-Out Facility" ensures the tap will stop working if it has been operated more than 4 times in 15 minutes (will automatically re-set itself after 15 minutes).

You can also set the system so you can activate the sensor once to turn the water on and then activate the sensor again to override the pre-set time and turn the water off immediately. It is possible to use 1 No. sensor to control 2 No. solenoid valves using a single control box.

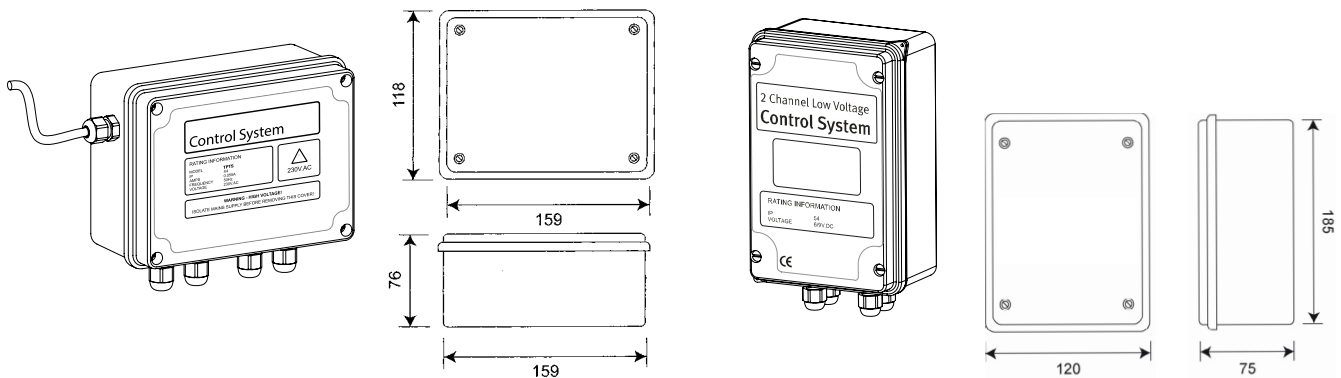
If you require a longer sensing range (e.g. set to the length of the tap spout) or would like the sensor mounted directly below the tap spout you can choose our brushed stainless steel Programmable Tap Sensors with plain, blue or red inserts (to denote water temperature).

## Control Box

Standard tap control box with adjustable valve open time from 6 seconds to 20 seconds. *Call to discuss* for options if you require a longer valve open time.

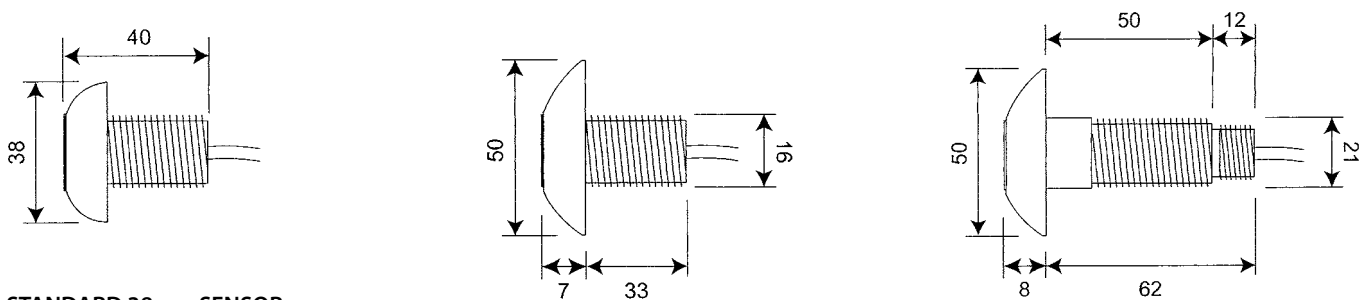
**Mains powered:** You need to provide a 3 amp fused spur.

**Battery powered**



## Sensor / Touchpad Switch

Ensure no bright lights (or reflected lights) are shining directly into sensor. If fitting sensor/touchpad through a thick (e.g. brick) wall, we can supply extension threads. Standard pre-wired sensor c/w 3m cable. Longer cable lengths available. *Call to discuss.*



### STANDARD 38mm SENSOR

Bezel diameter ..... Ø38mm  
 Overall length ..... 40mm  
 Thread length ..... 33mm  
 Thread material ..... ABS Plastic  
 Pre-wired ..... YES  
 Cable length ..... 3m standard  
 Finishes ..... RAL Matt Black 3  
                                   Chrome  
                                   Brushed Steel  
 Insert colour ..... N/A

### OPTIONAL 50mm SENSOR

Bezel diameter ..... Ø50mm  
 Overall length ..... 40mm  
 Thread length ..... 33mm  
 Thread material ..... ABS Plastic  
 Pre-wired ..... YES  
 Cable length ..... 3m standard  
 Finishes ..... Chrome  
                                   Brushed Steel  
 Insert colour ..... N/A

### AV SENSOR / TOUCHPAD SWITCH

Bezel diameter ..... Ø50mm  
 Overall length ..... 70mm  
 Thread length ..... 50mm  
 Thread material ..... Stainless Steel  
 Pre-wired ..... YES  
 Cable length ..... 3m standard  
 Finish ..... Brushed Steel  
 Insert colour ..... Plain  
                                   Red (denotes hot)  
                                   Blue (denotes cold)

For order codes add /50  
 eg TPTS-M/HP/50/1 Tap Sensor kit



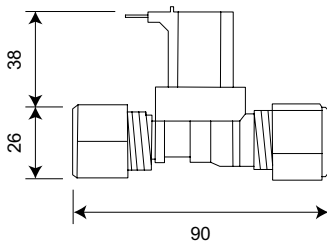
## WRAS approved Solenoid Valves

Please specify correct solenoid valves for your site conditions: for low pressure solenoid valves replace "HP" with "LP" in order codes. Very low pressure solenoid valves are only available for battery powered kits. Replace "HP" with "VLP" in order codes.

### For mains powered kits Standard high pressure (HP) 0.5 Bar – 6 Bar

12v nylon pre-wired 15mm solenoid valve for mains powered kits.

Working Temperature Range 0°C to 60°C  
Electrical connection: Spade connectors / 2-core Ø0.5mm copper cable



**ORDER CODE**  
15mm 12v Plastic HP Valve

#### TECHNICAL DATA

Gross weight ..... 0.215 kg  
Material ..... Nylon  
Seal Material ..... NBR (Nitrile)  
Voltage ..... 12vDC  
Power ..... 3W  
Connection ..... 15mm compression  
Pressure rating ..... 0.5 Bar – 6 Bar  
Operation type ..... Normally closed  
Cable length ..... 3m

### For mains powered kits Optional low pressure (LP) 0 Bar – 0.5 Bar maximum

12v (7.1mm orifice) solenoid valve for mains powered kits.

You will need to provide length of 2 core cable from valve to control box.

**ORDER CODE**  
15mm 12v (7.1mm) Valve

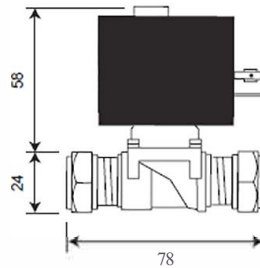
#### TECHNICAL DATA

Material ..... ABS/Brass  
O-ring/washers ..... Nitrile  
Pressure rating ..... 0 Bar – 0.5 Bar max.  
Orifice ..... 7.1mm  
Connection ..... 15mm compression  
Voltage ..... 12vDC  
Operation type ..... Normally closed

### For battery powered kits Standard high pressure (HP) 0.75 Bar – 10 Bar

6v non-wired G202 solenoid valve for battery powered kits.

You will need to provide length of 2 core cable from valve to control box.



**ORDER CODE**  
15mm 6v G202 Valve

#### TECHNICAL DATA

Material ..... ABS/Brass  
O-ring/washers ..... Nitrile  
Pressure rating ..... 0.75 Bar – 10 Bar  
Orifice ..... 12.7mm  
Connection ..... 15mm compression  
Voltage ..... 6vDC  
Operation type ..... Latching

### For battery powered kits Optional low pressure (LP) 0 Bar – 1.5 Bar maximum

6v (4mm orifice) solenoid valve for battery powered kits.

You will need to provide length of 2 core cable from valve to control box.

**ORDER CODE**  
15mm 6v (4mm) Valve

#### TECHNICAL DATA

Material ..... ABS/Brass  
O-ring/washers ..... Nitrile  
Pressure rating ..... 0 Bar – 1.5 Bar max.  
Orifice ..... 4mm  
Connection ..... 15mm compression  
Voltage ..... 6vDC  
Operation type ..... Latching

### For battery powered kits Optional very low pressure (VLP) 0 Bar – 0.5 Bar maximum

6v (6.7mm orifice) solenoid valve for battery powered kits.

You will need to provide length of 2 core cable from valve to control box.

**ORDER CODE**  
15mm 6v (6.7mm) Valve

#### TECHNICAL DATA

Material ..... ABS/Brass  
O-ring/washers ..... Nitrile  
Pressure rating ..... 0 Bar – 0.5 Bar max.  
Orifice ..... 6.7mm  
Connection ..... 15mm compression  
Voltage ..... 6vDC  
Operation type ..... Latching



## ROBERT PEARSON & COMPANY LTD

Post Office House, Post Office Lane  
Stockton, Warminster  
Wiltshire BA12 0SE

Telephone: (01985) 850954  
Facsimile: (01985) 850112

E-Mail: sales@robertpearson.co.uk  
Website: www.robertpearson.co.uk