

BATH SENSOR CONTROLS

"No touch" hygienic sensor operation

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

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

Waterproof TPTS Model Brushed Stainless Steel Bath Sensor Kits

Waterproof brushed stainless steel bath sensor c/w 8 metre cable



Mains-powered

water pressure 0.5 Bar – 6 Bar

Bath Order Code:

TPTS-M/HP/1 Bath Sensor kit

- 1 no. Mains-powered bath control box
- 1 no. 15mm Plastic 12V solenoid valve
- 1 no. Waterproof sensor c/w 50mm steel bezel

Battery-powered

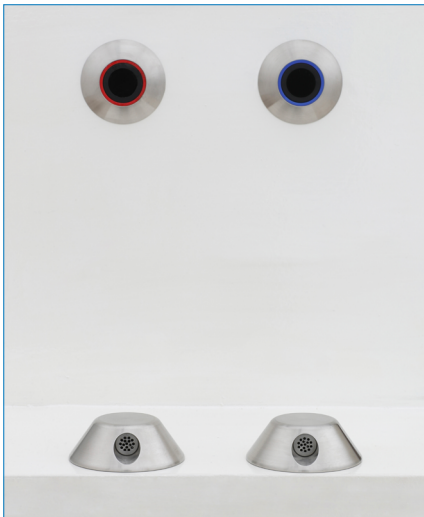
water pressure 0.75 Bar – 10 Bar

Bath Order Code:

TPTS-B/HP/1 Bath Sensor kit

- 1 no. Battery-powered bath control box
- 1 no. 15mm G202 6V solenoid valve
- 1 no. Waterproof sensor c/w 50mm steel bezel

Brushed Stainless Steel AV Bath Sensor Kits



For applications that require separate hot and cold supplies per bath 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 Bath AV Sensor Kit

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

TPTS-M/HP/2 Bath AV Sensor Kit

- 1 no. Mains-powered tap control box
- 2 no. 15mm Plastic 12V solenoid valve
- 1 no. Stainless Steel AV Sensor (c/w red indicator) to denote hot water
- 1 no. Stainless Steel AV Sensor (c/w blue indicator) to denote cold water

Battery-powered

water pressure 0.75 Bar – 10 Bar

Order Codes:

TPTS-B/HP/1 Bath AV Sensor Kit

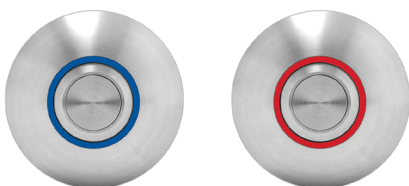
- 1 no. Battery-powered tap control box
- 1 no. 15mm G202 6V solenoid valve
- 1 no. Steel AV Sensor (specify colour)

TPTS-B/HP/2 Bath AV Sensor Kit

- 1 no. Battery-powered tap control box
- 2 no. 15mm G202 6V solenoid valve
- 1 no. Stainless Steel AV Sensor (c/w red indicator) to denote hot water
- 1 no. Stainless Steel AV Sensor (c/w blue indicator) to denote cold water

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

Electronic brushed steel Bath 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 Bath Touchpad kit

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

TPTS-M/HP/2 Bath Touchpad kit

- 1 no. Mains-powered bath 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 Bath Touchpad kit

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

TPTS-B/HP/2 Bath Touchpad kit

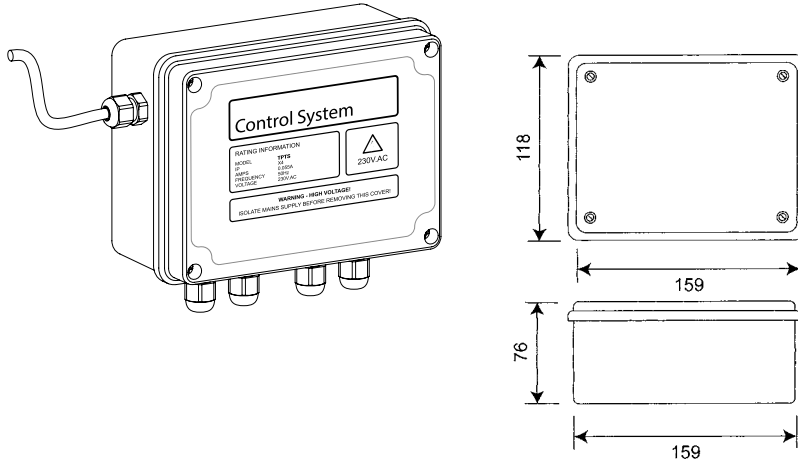
- 1 no. Battery-powered bath control box
- 2 no. 15mm G202 6V solenoid valve
- 2 no. Touchpad switch: 1 red, 1 blue

BATH SENSOR CONTROLS—TECHNICAL

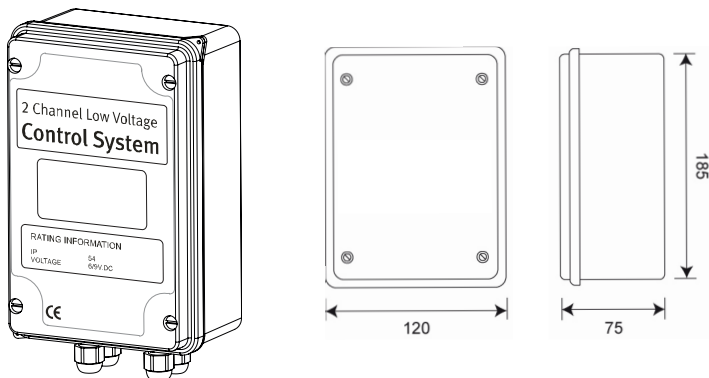
Control Box

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.

Mains Bath Control Box: with adjustable valve open time from 1 minute to 10 minutes. You need to provide a 3 amp fused spur.



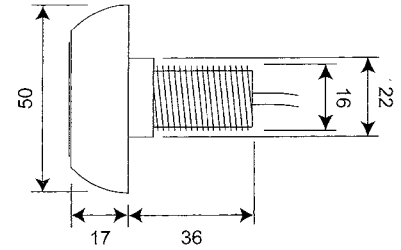
Battery Bath Control Box: with adjustable valve open time from 1 minute to 10 minutes.



Sensor / Touchpad

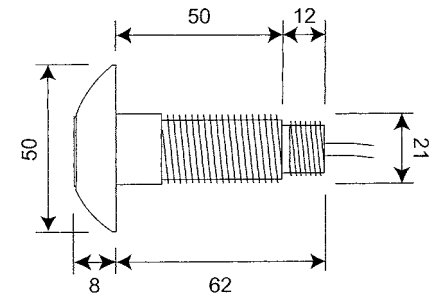
Anti-Ligature & Vandal Resistant:
Ideal for custodial/mental health/
public & commercial applications.

Waterproof 50mm Sensor



Bezel diameter Ø 50mm
Overall length 53mm
Thread length 36mm
Thread material ABS Plastic
Pre-wired YES
Cable length 8m standard
Finish Brushed steel

AV Sensor / Touchpad Switch



Bezel diameter Ø 50mm
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)

Extension Thread

Order Code	For Wall Thickness
Extn100MM	up to 100mm
Extn150MM	up to 150mm
Extn250MM	up to 250mm



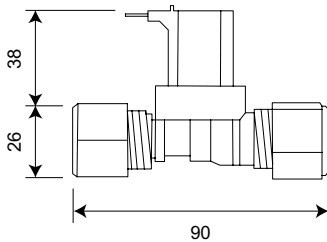
WRAS approved Solenoid Valves for Bath Controls

Please specify correct solenoid valves for your pipe diameter: For Ø22mm copper pipe, replace HP with HP ¾" or LP with LP ¾" in bath order codes.

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

12v pre-wired 15mm nylon 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 high pressure (HP ¾") 0.5 Bar – 8 Bar

12v (19mm orifice) brass solenoid valve for mains powered kits.

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

ORDER CODE ¾" 12v Valve (TPTS-M)

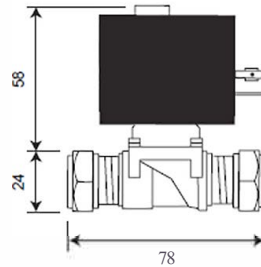
TECHNICAL DATA

Material Brass
O-ring/washers Nitrile
Pressure rating 0.5 Bar – 8 Bar max.
Orifice 19mm
Connection ¾" BSP
Voltage 12vDC
Operation type Normally closed

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

6v non-wired G202 brass 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 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 ¾") 0 Bar – 6 Bar

6v (19mm orifice) brass solenoid valve for battery powered kits.

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

ORDER CODE ¾" 6v Valve (TPTS-B)

TECHNICAL DATA

Material Brass
O-ring/washers Nitrile
Pressure rating 0 Bar – 6 Bar
Orifice 19mm
Connection ¾" BSP
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