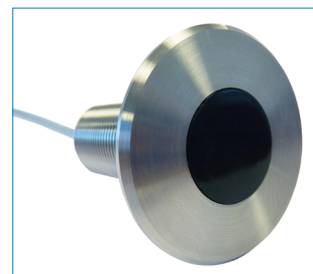
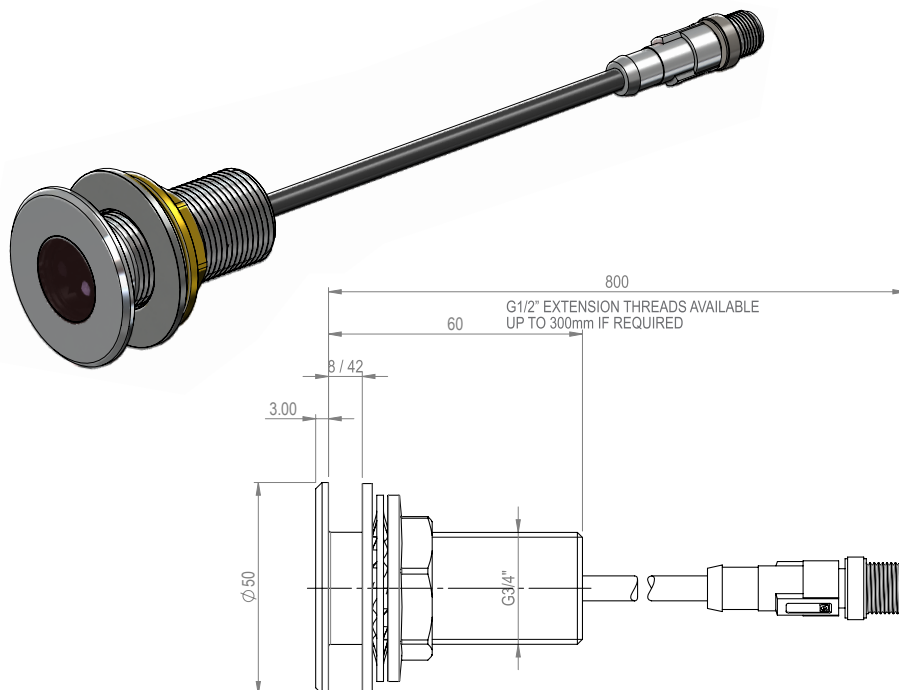


Programmable Panel Mounted Tap Sensor

You will need to purchase a hand held programmer to adjust the settings yourself on site

Adjustable settings include; run-on time, sensor range, wave-on/wave-off operation, automatic purge to help prevent water dead legs, anti-vandal features and more including a "lock-out" setting to help prevent excessive operations in a specified period. Simply put your hand within the sensing range to activate the water. As long as the sensor detects your hand water will continue to run. Take your hand away and the water will stop after the pre-set but adjustable overrun time.



Hand Held Programmer

Tap Sensor Kit Order Codes:

PsensT-B

Battery powered tap sensor kit

Kit c/w

1 x Programmable Sensor
1 x Pre-wired 15mm Solenoid Valve
1 x Pre-wired Battery Pack

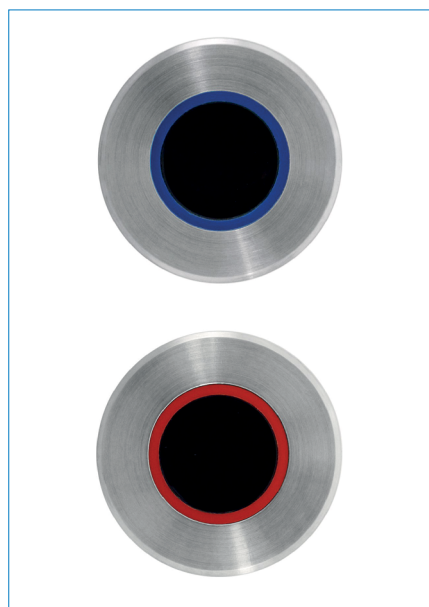
PsensT-M

Mains powered tap sensor kit

Kit c/w

1 x Programmable Sensor
1 x Pre-wired 15mm Solenoid Valve
1 x Pre-wired 6V PSU

For applications that require separate hot and cold supplies per basin please use special colour coded sensors



Battery Powered Kits

Blue Insert (Cold) Tap Sensor Kit
Order Codes:

PsensT(B)-B

Battery powered tap sensor kit

Kit c/w: 1 x Programmable Sensor
1 x Pre-wired 15mm Solenoid Valve
1 x Pre-wired Battery Pack

Red Insert (Hot) Tap Sensor Kit
Order Codes:

PsensT(R)-B

Battery powered tap sensor kit

Kit c/w: 1 x Programmable Sensor
1 x Pre-wired 15mm Solenoid Valve
1 x Pre-wired Battery Pack

Mains Powered 2 Tap Kit

Red + Blue Inserts 2 Tap Sensor Kit Order Code:

PsensT(R+B)-M / 2 Tap Kit

Mains powered tap sensor kit

Kit c/w: 2 x Programmable Sensors
2 x Pre-wired 15mm Solenoid Valves
1 x Pre-wired 6V PSU
1 x T-Connector

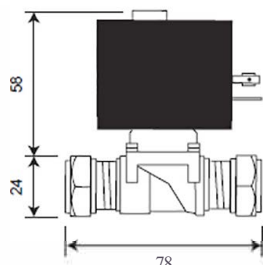


Please specify correct WRAS approved Solenoid Valves for your site conditions

Standard high pressure (HP) 0.75 Bar – 10 Bar

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

Optional low pressure (LP) 0 Bar – 1.5 Bar maximum

ORDER CODE

15mm 6v (4mm) Valve

TECHNICAL DATA

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

PRESSURE (Bar) FLOW RATE (Approx.)

0.1 Bar	2.20 l/min
0.2 Bar	3.20 l/min
0.3 Bar	3.90 l/min
0.4 Bar	4.50 l/min
0.5 Bar	5.00 l/min
1.0 Bar	7.20 l/min

Optional very low pressure (VLP) 0 Bar – 0.45 Bar maximum

ORDER CODE

15mm 6v (6.7mm) Valve

TECHNICAL DATA

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

PRESSURE (Bar) FLOW RATE (Approx.)

0.1 Bar	4.30 l/min
0.2 Bar	6.10 l/min
0.3 Bar	7.50 l/min
0.4 Bar	8.70 l/min

Water pressure: The standard solenoid valve is rated for water pressures of 0.75 Bar – 10 Bar, although we suggest a maximum pressure of 5 Bar. We also offer optional low pressure valves.

Electrical requirements: Each mains-powered kit requires a 3 amp protected fused spur. If specified at time of order we can arrange the kits so you can run up to 3 taps from a single 6v Power Supply Unit. You will need an additional 'Y' connector for our 2 tap kits, and 2 additional 'Y' Connectors and an extension 'D'-lead for our 3 tap kits.

Technical Data:

Cut-out hole	Panel mounted (Ø28mm drill hole required).
Sensing Range	Programmable from settings 1 – 10.
Overrun time	This is the time the water will continue to flow after you take your hands away from the sensor. Programmable from: 2, 5, 10, 15, 20 & 30 seconds.
Wave-on/Wave-off	Normally OFF. When switched ON this allows you to override the standard overrun time by putting your hand in front of the sensor for a second time (if you don't, the water will still turn off after the pre-set but adjustable overrun time).
Anti-vandal time	This is automatic water turn-off time in case someone puts e.g. chewing gum over the sensor to try and keep the tap running constantly. Programmable from: 30 secs, 1, 2, 4 & 8 minutes.
Automatic purge	When purge is programmed ON, if a tap has not been used for a certain period of time it will automatically turn itself on to purge itself to help prevent water dead legs. Tap non use times before purge is activated from any of: 3, 6, 12, 24, 36 & 48 hours. Programmable water on time per purge from: 30 seconds, 1, 2, 4, & 8 minutes.
Lock-out	Normally OFF. When set ON this allows the system to lock out if tap sensor has been activated from any of 4, 6, 8 & 10 operations in a single 15 minute period. The lock out period is 15 minutes and the system will automatically re-set itself once the lock out period has elapsed.



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