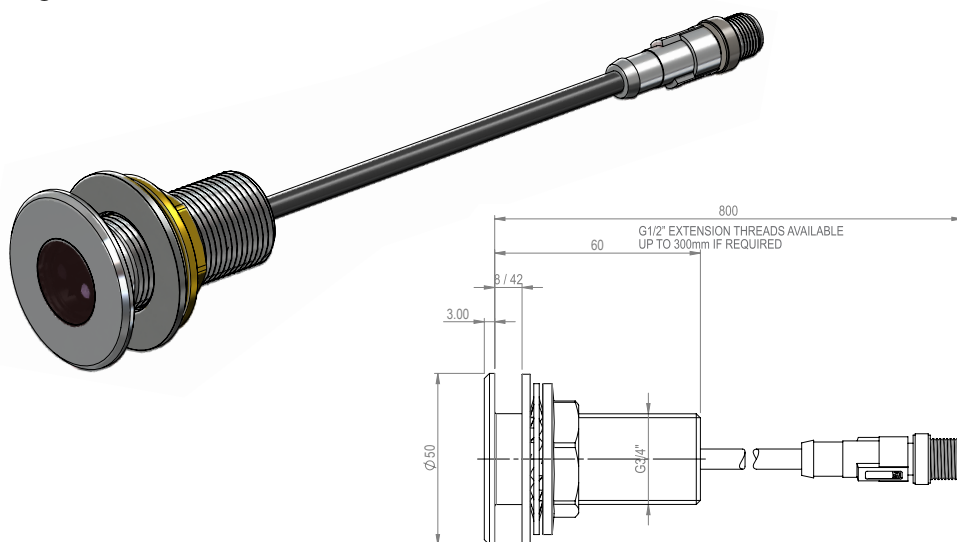


Programmable Panel Mounted Shower Sensor

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

The Panel Mounted Programmable Shower Sensor is available, as standard, in brushed stainless steel. Adjustable settings include; run-on time, sensor range, purge and more. Simply put your hand within the detection zone of the sensor (just a few inches) to turn the water/shower on. The water will now flow for the Run Time programmed before automatically turning off again. If, when the shower is on, you are (accidentally or otherwise) detected by the sensor again, the Run Time will now re-start from the moment of this new detection.



Hand Held Programmer

Programmable Shower Sensor Kit Order Codes:

PsensS-B

Battery powered shower sensor kit

Kit c/w

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

PsensS-M

Mains powered shower sensor kit

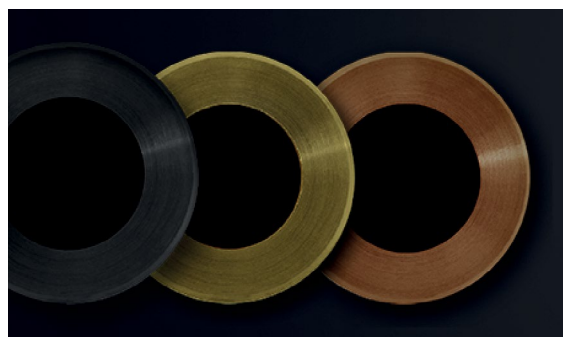
Kit c/w

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

PVD Coloured Programmable Shower Sensor

Choose from Charcoal Black, Yellow Gold or Copper Gold

The Panel Mounted Programmable Shower Sensor is also now available in three PVD colourways.



PVD Coloured Programmable Shower Sensor Kit Order Codes:

Charcoal Black

PsensS-M/C-Black

Mains powered shower sensor kit

PsensS-B/C-Black

Battery powered shower sensor kit

Yellow Gold

PsensS-M/Y-Gold

Mains powered shower sensor kit

PsensS-B/Y-Gold

Battery powered shower sensor kit

Copper Gold

PsensS-M/C-Gold

Mains powered shower sensor kit

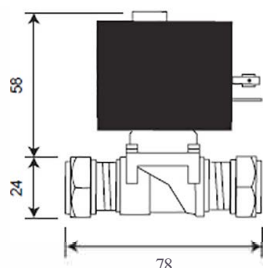
PsensS-B/C-Gold

Battery powered shower sensor kit

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 showers 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.

Please note: Do NOT mount these A.I.R. (active infrared) programmable sensors on opposite walls, "looking" into each other, across an empty void as this can cause the sensor to malfunction. Make sure there are no lights shining (or being reflected) directly into the sensor as this can make the sensor false trigger.

Technical Data:

Cut-out hole	Panel mounted (Ø28mm drill hole required).
Sensing range	Programmable from settings 1 – 3.
Run time	Default setting 1 minute. Programmable from: 30 seconds, 1, 2, 3, 4 and 5 minutes.
Wave-on/Wave-off	Normally OFF. If switched ON this allows you to turn the shower off, and immediately override the Run Time, by simply putting your hand within the detection zone of the sensor for a second time. (The shower will still turn itself after the Run Time if you do not).
Anti-vandal time	Run Time + 10 seconds. This is automatic water turn-off time in case someone puts e.g. chewing gum over the sensor to try and keep the shower head running constantly.
Automatic purge	When purge is programmed ON, if a shower 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. Shower 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 a shower sensor has been activated for more than 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.



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