

Water Meter Pulsed (for Cold Water and Billing Purposes)

Size: 1"

Model: PSP00003

Type: Volumetric Cold Water Meter



Continuous flowrate	
$Q \leq 6 \text{ m}^3/\text{h}$	$Q > 6 \text{ m}^3/\text{h}$

Max Flowrate	2.3 m ³ /h	4.0 m ³ /h
Impulse/flow volume	3.1 Imp/dm ³	5 Imp/dm ³
Impulse frequency at max. flowrate	3.33 Hz	
Temperature range	- 10 °C to 50 °C	
Ingress protection BS EN 50529	IP68	
Life expectancy	10 million pulses	

Electrical spec:

Max power	3 W
Max voltage	48 V DC/AC
Max amperage	50 mA
Protection resistor	47 Ohm

Cable spec:

Cable	3 x 0.08 mm ²
External diameter of cable	2.8 mm

Description

This water meter for cold water applications offers a dependable and accurate reading of water consumption and is ideally suited for use in domestic premises and small commercial buildings.

Suitable for use with potable and clean water.

The pulse read out system is factory fitted and allows a pulse rating of 1 pulse/litre or 1 pulse/10 litres to be emitted.

The emitted pulse can be read by various types of remote output readers.

The emitter probe has a metal body housing a reed switch and protective resistor.

The probe and transmission cable are encapsulated within a rubber mould enclosure to ensure water tightness to IP68.

This water meter is used to give a remote reading when used with a remote display or computerized reading system.

It can be used to collect water consumption data in multi apartment buildings, when central reading of several meters is required or where access to the water meter is restricted.

It can also be used as part of a flow control system and for the control of pumps.

This water meter is designed for use in a boundary box and the terms 'manifold' refers to an assembly combining at least a meter housing device, a stop valve, a check valve and the connections to the inlet and outlet pipework.

Can be linked to BMS. Totalisers etc.