

UNDERSTANDING YOUR DIGITAL WATER METER

A guide to reading your Sensus 32mm and 50mm digital water meters

Both meters use digital displays and remote reading technology. This allows monthly meter readings to be collected without needing physical access to the meter.

32mm SENSUS iPERL



This meter is currently reading .238ML and the flow rate is 0 l/h (No Water Temperature available)



READING YOUR WATER CONSUMPTION

The most important reading on the display is your total water consumption.

The meter displays six digits followed by three decimal places and is recorded cubic metres (m³).

Measurement	Equivalent
1 cubic metre (m³)	1 kilolitre (kL)
1 cubic metre (m³)	1,000 litres (L)
000 524.320 m³	524.320 kL
000 524.320 m³	524,320 litres
000 524.320 m³	0.524 megalitres (ML)

UNDERSTANDING THE FLOW-RATE DISPLAY

Both meters record flow rate, but they display the measurements in different units.

Meter	Flow-rate display	Conversion to L/s
32mm	Litres per hour (L/h)	$L/s = L/h \div 3,600$
50mm	Cubic meters per hour (m³/h)	$L/s = (m³/h \times 1,000) \div 3,600$

50mm SENSUS CORDONEL



This meter is currently reading 1.416ML and the water temperature is 20.6°C. Note: The temperature alternates with flow rate

USING THE METER TO CHECK FOR LEAKS

Digital water meters can detect very low flow rates, making them useful for identifying a possible water leak.

A simple leak test can be carried out as follows:

- ☐ Turn off all taps, hoses, and other water-using appliances.
- ☐ Wait several minutes to allow any remaining water flow to stop.
- ☐ Check the meter's flow rate display.
- ☐ If the meter continues to register water flow, this may indicate a leak.

Possible causes include a dripping tap, a faulty toilet or tank float valve or an underground pipe leak.