



KENT (ELSTER) WATER METERS

S2000

SINGLE JET TYPE COLD WATER METER CLASS C



Part No. S2000

CAST IRON BODY* (EPOXY COATED) WITH FLANGED CONNECTIONS

* DN40 Bronze Body (Epoxy Coated)

The Kent S2000 meters combine extended low flow, exceeding Class C performance*, with leakage monitoring capabilities. This makes them ideal for applications with widely varying flow rates, in which that ensure optimum opportunities for revenue collection

S2000 meters have only one moving part, the rotor in the measuring chamber, combining exceptional robustness with a low headloss.

The S2000 uses an inductive register to deliver enhanced communications performance and tamper-proof security. It is compatible with the Emeris PR7 inductive pulse transmitter.

* When fitted in the horizontal position.

SIZE	A	B	C	D
DN40	300	100	70	134
DN50	300	100	71	134
DN65	300	115	81	139
DN80	350	150	95	146
DN100	350	200	110	158

Features & Benefits

- Exceeds Class C specifications.
- Low flow performance with low headloss.
- Extended high and low flow performance.

Pressure & Temperature

Pressure range:-

Up to 16 bar.

Temperature Range:-

Up to 50°C.

CLASS C SPECIFICATIONS	DN	40	50	65	80	100
MAX OVERLOAD FLOW RATE $\pm 2\%$	m ³ /h	20	30	40	60	100
MAX CONTINUOUS FLOW RATE $\pm 2\%$	m ³ /h	10	15	20	30	50
MIN CONTINUOUS FLOW RATE $\pm 2\%$	l/h	150	225	300	450	750
MIN FLOW RATE $\pm 5\%$	l/h	100	90	120	180	300
HEADLOSS AT MAXIMUM FLOW	Bar	0.6	0.7	0.6	0.6	0.6

PR7 SELF POWERED INDUCTIVE PULSE TRANSMITTERS (SOLD SEPERATELY)

PR7 pulsers have outputs designed for every need. Each pulser has both primary and secondary outputs. The PR7 is fully compatible Emeris inductive pulse transmitter and with other ancillary devices including data loggers and AMR systems.

PR7 10:10 Low Speed	DN	50	65	80	100	PR7 1:10 High Speed	DN	50	65	80	100
Primary Output	litre/pulse	10/1	10/1	10/1	10/1	Primary Output*	litre/pulse	1/1	1/1	1/1	1/1
Secondary Output	litre/pulse	10/1	10/1	10/1	10/1	Secondary Output	litre/pulse	10/1	10/1	10/1	10/1

* Should only be used with data loggers which are capable of registering 5ms pulse.

PR7 SELF POWERED PULSE TRANSMITTER WIRING TABLE

Yellow	White	Red	Green	Brown	Black
All Pulses	Directional Flag	Compensated Pulses	Compensation Flag	Tamper	Common

Externally powered versions are also available, contact sales for further details.

PR7 is an open collector pulse transmitter suitable for data logging, AMR and telemetry equipment. Check with your equipment supplier for compatibility.