



## KENT (ELSTER) WATER METERS

### V100 (PSM)

### VOLUMETRIC COLD WATER METER CLASS C & D



#### Part No. V100 (PSM)

#### BRASS BODY WITH BSP THREADED CONNECTIONS

The Kent V100 (PSM) is designed for the measurement of cold potable water and offers accuracy, long maintenance-free life and is tamper resistant.

This meter operates on the volumetric rotary piston measurement principle and can achieve the highest levels of reading accuracy even at the lowest flow rate. The meter can be installed in any position maintaining optimum performance with no loss of accuracy.

Meter stoppages are substantially reduced, durability enhanced and performance improved as a result of a uniquely-designed grooved piston within the meter measuring chamber, increasing application flexibility.

Valuable management information can be obtained with the aid of a volt-free pulser unit (available separately). This provides output signals for interrogation by externally powered reading devices and can be attached to previously installed Kent meters at any time without interrupting the water supply.

SIZE	A	B	C	D BSP	E BSP
DN15	134	86	228	3/4	1/2
DN20	165	86	267	1	3/4
DN25	199	104	311	1 1/4	1
DN30*	260	120	327	1 1/2	1 1/4
DN40*	300	158	421	2	1 1/2

\*Class C only

#### Features & Benefits

- Specifications to Class C & D to BS5728 & ISO4064.
- Tamper resistant construction.
- Fitted in any orientation.
- Grooved piston design.
- Easy to read counter.
- Leak-proof construction.
- Optional pulse output facility.

#### Pressure & Temperature

Pressure range:-  
Up to 16 bar.  
Temperature Range:-  
Up to 50°C.

CLASS C SPECIFICATIONS	DN	15	20	25	30	40
MAX OVERLOAD FLOW RATE $\pm 2\%$	m <sup>3</sup> /h	3	5	7	12	20
MAX CONTINUOUS FLOW RATE $\pm 2\%$	m <sup>3</sup> /h	1.5	2.5	3.5	6	10
MIN CONTINUOUS FLOW RATE $\pm 2\%$	l/h	22.5	37.5	52.5	90	150
MIN CONTINUOUS FLOW RATE $\pm 5\%$	l/h	15	25	35	60	100
OUTPUT PULSE	litre/pulse	0.5/1	0.5/1	5/1	5/1	5/1

CLASS D SPECIFICATIONS	DN	15	20	25
MAX OVERLOAD FLOW RATE $\pm 2\%$	m <sup>3</sup> /h	2	3	5
MAX CONTINUOUS FLOW RATE $\pm 2\%$	m <sup>3</sup> /h	1.5	2.5	3.5
MIN CONTINUOUS FLOW RATE $\pm 2\%$	l/h	17.25	28.75	40.25
MIN CONTINUOUS FLOW RATE $\pm 5\%$	l/h	11.25	18.75	26.25
OUTPUT PULSE	litre/pulse	0.5/1	0.5/1	5/1