



KENT (ELSTER) WATER METERS

Q4000

ELECTROMAGNETIC WATER METER



Part No. Q4000 STAINLESS STEEL BODY WITH WAFER CONNECTIONS

The Kent Q4000 electromagnetic water meter provides consistent accuracy over a wide flow-rate measuring range. Featuring an unrestricted flow tube with no moving parts and a 10 year battery life, the Q4000 with its innovative flangeless design can be adapted to suit either predominately high flow or low flow environments. This unique feature ensures that the meter can be correctly sized to match a flow profile and ensure optimal measuring performance.

The Q4000 has a sampling rate of just 0.5 seconds, so you can be confident of accurate and reliable measurements. It also features anti-corrosive electrodes to ensure consistently accurate performance throughout its entire life.

Real time data is displayed on a large, bright and easy-to-read LCD, showing volume and instantaneous flow rate. The Q4000 also has alarm functions providing in situ status, to ensure no loss in measuring continuity. An optional remote display unit is available offering a clear LCD for simpler access in hard-to-read applications. The unit also includes two pulse outputs for connection to ancillary devices.

All Q4000 meters are supplied with their own installation kit, including studding, nuts, washers and gaskets.

SIZE	A	B	C (High Flow)	C (Low Flow)
DN50	200	102	258	258
DN65	200	121	278	268
DN80	200	133	289	284
DN100	250	159	314	302
DN125	250	190	345	329
DN150	300	216	400	358
DN200	350	272	455	428

Features & Benefits

- Flow performance to CEN pr14154, ISO4064, OIML R49.
- 10 year battery life.
- Accurate & reliable measurement.
- Lightweight & easy to install.
- LCD display with real time data.
- Low pressure loss.
- Optional remote display.
- Optional pulse output facility.

Pressure & Temperature

Pressure range:-
Up to 16 bar.
Temperature Range:-
Water up to 70°C.
Ambient -10°C to 60°C.

LOW FLOW SPECIFICATIONS	DN	50	65	80	100	125	150	200
MIN FLOW FLOW RATE Q1	m ³ /h	0.10	0.16	0.25	0.40	0.63	1.0	1.6
TRANSITIONAL FLOW RATE Q2	m ³ /h	0.16	0.26	0.40	0.64	1.0	1.6	2.6
PERMANENT FLOW RATE Q3	m ³ /h	40	63	100	160	250	400	630
MAXIMUM FLOW RATE Q4	m ³ /h	50	79	125	200	313	500	788
PRESSURE DROP AT Q3	Bar	0.3	0.3	0.3	0.3	0.3	0.3	0.3
OUTPUT PULSE*	litre/pulse	10/1	10/1	10/1	10/1	100/1	100/1	100/1

HIGH FLOW SPECIFICATIONS	DN	50	65	80	100	125	150	200
MIN FLOW FLOW RATE Q1	m ³ /h	0.16	0.25	0.40	0.63	1.0	1.6	2.5
TRANSITIONAL FLOW RATE Q2	m ³ /h	0.26	0.40	0.64	1.0	1.6	2.6	4.0
PERMANENT FLOW RATE Q3	m ³ /h	63	100	160	250	400	630	1000
MAXIMUM FLOW RATE Q4	m ³ /h	79	125	200	313	500	788	1250
PRESSURE DROP AT Q3	Bar	0.1	0.1	0.1	0.1	0.1	0.1	0.1
OUTPUT PULSE*	litre/pulse	10/1	10/1	10/1	100/1	100/1	100/1	100/1

*Remote display pulse outputs differ, please contact sales for full details