

## Measuring Instruments Directive 2004/22/EC

Specifications according to OIML R49, EN14154 and ISO4064

			Exceeding class D equivalent			
Meter Model			V200	V200	V210	V210
Meter Size	mm		15	20	15	20
Flow range $Q_3/Q_1$	R		400	315	400	315
Overload flow rate	$Q_4 \pm 2\%$	$m^3/h$	3.125	5	3.125	5
Permanent flow rate	$Q_3 \pm 2\%$	$m^3/h$	2.5	4	2.5	4
Transitional flow rate	$Q_2 \pm 2\%$	l/h	10.00	20.32	10.00	20.32
Minimum flow rate	$Q_1 \pm 5\%$	l/h	6.25	12.70	6.25	12.70
Starting Flow (approximately)		l/h	1	2	1	2

			Class C equivalent								
Meter Model			V200	V200	V200	V200	V200	V200	V210	V210	V210
Meter Size	mm		15	20	25	30	30	40	15	20	25
Meter thread size	in		G3/4"A	G1"A	G1 1/4"A	G1 1/4"A	G1 1/2"A	G2"A	G1 1/2"A	G1 1/2"A	G2"A
Overload flow rate	$Q_4 \pm 2\%$	$m^3/h$	3.125	5	7.875	12.5	12.5	12.5	3.125	5	7.875
Permanent flow rate	$Q_3 \pm 2\%$	$m^3/h$	2.5	4	6.3	10	10	10	2.5	4	6.3
Transitional flow rate	$Q_2 \pm 2\%$	l/h	25	40	63	100	100	100	25	40	63
Minimum flow rate	$Q_1 \pm 5\%$	l/h	15.625	25	39.375	62.5	62.5	62.5	15.625	25	39.375
Starting Flow (approx.)	l/h		1	2	6	12	12	12	1	2	6
Meter thread size	in		G3/4"A	G1"A	G1 1/4"A	G1 1/4"A	G1 1/2"A	G2"A	G1 1/2"A	G1 1/2"A	G2"A
Diameter (A)	mm		94	94	120	150	150	150	94	94	130.5
Height (B)**	mm		113	111	130	145	145	145	126	136	142
Height with lid open (C)	mm		180	177	200	215	215	215	193	203	209
Length (D)	mm	110, 115, 134, 165, 170	165,190	199, 260	199, 260	199, 260	300	n/a	n/a	n/a	n/a
Height with Encoder or Hybrid	mm		127	125	144	n/a	n/a	n/a	140	150	156
Length over connections (E)	mm	195, 200, 228, 250	267, 288	311, 370	327, 380	327, 380	421	n/a	n/a	n/a	n/a
Weight (approximately)	kg		1.0	1.2,1.3	2.3, 2.6	3.4, 3.7	3.4, 3.7	4.0	0.9	1.0	2.0

Headloss at  $Q_3$  less than 0.63 bar.

Maximum water temperature 30°C, working pressure 16 bar.

Maximum registration 99999.99m<sup>3</sup>.

\*Note: Other  $Q_3/Q_1$  ratios are available on request

\*\*Height with PR6 = B+10mm, with TPR6 = B + 48mm

### Register Options

Inductive	1 Pulse/Litre	PR6 and TPR6 compatible
Encoder	Full reading in m <sup>3</sup>	
Hybrid (Electronic)	Full reading in m <sup>3</sup>	

