



C4000
Elster Honeywell
Cast Iron (Epoxy Coated)
Combination Type
Cold Bulk/Low Flow Water Meter
Flanged PN16



The Elster C4000 is designed for bulk flow applications where wide variations in flow occur.

At high and medium flow rates the primary Woltmann meter chamber registers usage and at lower flow rates the changeover valve diverts flow to the secondary Volumetric meter which registers the usage.

The "in-line" design facilitates a short overall length with significantly reduced width compared to conventional by-pass meters.

Approvals, Features & Benefits

- Class B performance on high/medium flows
- Class D performance on low flows
- ISO4064, BS5728
- WRAS approved product
- High turndown ratio
- Compact, in-line construction

Pressure & Temperature

Maximum pressure:-
16 bar

Maximum temperature:-
30°C

Size		DN50	DN65	DN80	DN100
A		300	300	350	350
B		80	86	104	115
C		225	225	245	255
D		205	205	250	280
E		166	186	201	228
Weight Kg		25	27	35	40
Turndown Ratio		3.333	3.333	13.333	16.667
Min Flow Rate	± 5% l/h	15	15	15	15
Transitional Flow Rate	± 2% l/h	22.5	22.5	22.5	22.5
Max Permanent Flow Rate	± 2% m ³ /h	25	25	120	180
Max Overload Flow Rate	± 2% m ³ /h	50	50	200	250
Changeover Valve Opening Flow	m ³ /h	1.8	1.8	2.2	2.4
Changeover Valve Closing Flow	m ³ /h	1.2	1.2	1.2	1.4

Low Flow Optional Pulse / M-Bus / Radio Modules

Type	Part No.	Output		Cable Length
		Primary Ch.	Secondary Ch.	
Pulse	PR6-1:1	1 pulse/1 litre	1 pulse/1 litre	2 M
Pulse	PR6-1:10	1 pulse/1 litre	1 pulse/10 litres	2 M
Pulse	PR6-1:100	1 pulse/1 litre	1 pulse/100 litres	2 M
M-Bus/Pulse	FALCON	Wired M-Bus EN13757 Standard & Pulse of 1 pulse/1000 litres*		3 M
Wireless M-Bus	TPR11	MERLIN wMbus Protocol 868Mhz		N/A

High Flow Optional Pulse / M-Bus / Radio Modules

Type	Part No.	Output		Cable Length
		Primary Ch.	Secondary Ch.	
Pulse	PR7-10:10	10 litres/pulse	10 litres/pulse	5 M
Pulse	PR7-1:10	1 litre/pulse	10 litres/pulse	5 M
Pulse	PR7-1:100	1 litre/pulse	100 litres/pulse	5 M
Pulse	PR7-1:1000	1 litre/pulse	1 m ³ /pulse	5 M
M-Bus/Pulse	FALCON	Wired M-Bus EN13757 Standard & Pulse of 1 pulse/1000 litres*		3 M
Wireless M-Bus	TPR7	MERLIN wMbus Protocol 868Mhz		N/A

* Default value, this can be configured via M-Bus (Range 1-10,000 litres/pulse)