

### Flow Performance to CEN pr14154, ISO4064, OIML R49 (Low Flow option)

Pipe Size (mm)	50	65	80	100	125	150	200
Minimum flow Q1 (m³/h)	0.10	0.16	0.25	0.40	0.63	1.0	1.6
Transitional flow Q2 (m³/h)	0.16	0.26	0.40	0.64	1.0	1.6	2.6
Permanent flow Q3 (m³/h)	40	63	100	160	250	400	630
Maximum flow Q4 (m³/h)	50	79	125	200	313	500	788
Maximum registration (m³)	999999.999					999999.99	
Meter weight (kg)	4.5	5.0	5.5	6.5	7.5	9.5	15
Pressure loss at Q3 (bar)	Less than 0.3 bar						

### Flow Performance to CEN pr14154, ISO4064, OIML R49 (High Flow option)

Pipe Size (mm)	50	65	80	100	125	150	200
Minimum flow Q1 (m³/h)	0.16	0.25	0.40	0.63	1.0	1.6	2.5
Transitional flow Q2 (m³/h)	0.26	0.40	0.64	1.0	1.6	2.6	4.0
Permanent flow Q3 (m³/h)	63	100	160	250	400	630	1000
Maximum flow Q4 (m³/h)	79	125	200	313	500	788	1250
Maximum registration (m³)	999999.999			999999.99			
Meter weight (kg)	4.5	5.0	6.0	7.5	9.5	15	20
Pressure loss at Q3 (bar)	Less than 0.1 bar						

### Other Data

<b>Battery Life</b>	Fitted lithium batteries provide 10 years continuous life at 30°C ambient temperature.
<b>Sampling Rate</b>	0.5 seconds fixed
<b>Water Conductivity</b>	50µS/cm or more

### Pulse Options (Litres per pulse)

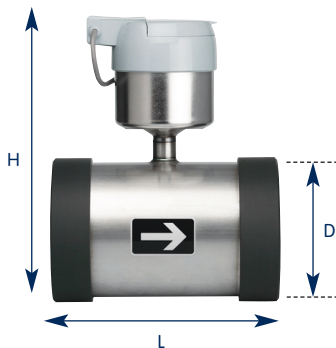
Pulser	Option	Output 1	Output 2	Output 3	Output 4
	<b>Standard</b>	10 litres Fwd-Rev	100 litres Fwd-Rev	Alarm	Common
	<b>High Speed</b>	1 litre Fwd-Rev*	10 litres Fwd-Rev	Alarm	Common

\* Pulse weight changes to 10 litres automatically when fitted to larger meter sizes (with 7 digit meter display).  
 Fwd-Rev: Forward pulses only net of any reverse flow using reverse compensation method.  
 Alarm Output: Meter Battery Low, Pulser Battery Low, Tamper, Empty Pipe, Pulse Setting Changed.

Remote Display		Small Sizes (6 fig display)		Large Sizes (7 fig display)	
	Option	Output 1	Output 2	Output 1	Output 2
	<b>Standard</b>	10 litres Fwd-Rev	100 litres Fwd-Rev	100 litres Fwd-Rev	1000 litres Fwd-Rev
	<b>High Speed</b>	1 litre Fwd-Rev	100 litres Fwd-Rev	10 litres Fwd-Rev	1000 litres Fwd-Rev

Additional pulse output options featuring advanced forward and reverse flow monitoring suitable for data logging and AMR applications are available. For full technical details and any further information please contact your Elster Sales representative.

### External Dimensions (mm)



High Flow				Low Flow			
DN	L	D	H	DN	L	D	H
50	200	102	258	50	200	102	258
65	200	121	278	65	200	121	268
80	200	133	289	80	200	133	284
100	250	159	314	100	250	159	302
125	250	190	345	125	250	190	329
150	300	216	400	150	300	216	358
200	350	272	455	200	350	272	428

Pressure equipment directive 97/23/EC.

This product is applicable in networks for the supply, distribution and discharge of water and associated equipment and is therefore exempt.

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