

Q4000

Product Specification



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	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	4.5	5.0	6.0	7.5	9.5	15	20
PRESSURE LOSS AT Q3 (bar)	Less than 0.1 bar						

OTHER DATA

BATTERY LIFE	Fitted lithium batteries provide 10 years continuous life at 30°C ambient temperature.
SAMPLING RATE	0.5 seconds fixed
WATER CONDUCTIVITY	50µS/cm or more

PULSE OPTIONS (LITRES PER PULSE)	OPTION	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4
PULSER	Standard	10 litres Fwd-Rev	100 litres Fwd-Rev	Alarm	Common
	High speed	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)	Standard	10 litres Fwd-Rev	100 litres Fwd-Rev
	High speed	1 litre Fwd-Rev	100 litres Fwd-Rev
REMOTE DISPLAY - LARGE SIZES (7 FIG DISPLAY)	Standard	100 litres Fwd-Rev	1000 litres Fwd-Rev
	High speed	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

For more information

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