

PULSE VOLUMETRIC COLD WATER METER

Technical datasheet Nr 38

The volumetric cold water meters with rotary piston are especially designed for operators keen to optimize billing on their domestic water systems.

The technology of the rotary piston achieves exceptional accuracy and measuring range.

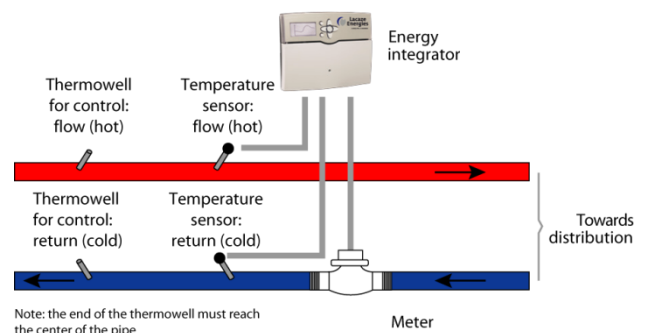


• COMPOSITION:

- Water meter with pulse emitter
- 2 fittings
- Sealing material

• TECHNICAL SPECIFICATIONS:

- Application: Domestic Cold Water
- Accuracy class: C, consistent XnA
- Pulse resolution: 1 liter / pulse
- Compliance: ACS
- Standard: ISO 4064
- Directive: 75/33 CE
- Recommendation: Nr 49 of the International Organization of Legal Metrology (OIML)



• PERFORMANCE CHARACTERISTICS:

	DN	mm	15	20	25	25	30	40
Nominal diameter	DN	mm	15	20	25	25	30	40
Nominal flow rate	Qn	m ³ /h	1.5	2.5	3.5	6	6	10
Maximum flow rate	Qmax	m ³ /h	3	5	7	12	12	20
Minimum flow rate	Qmin	L/h	15	25	35	60	60	100
Transitional flow rate	Qt	L/h	22.5	37.5	52.5	90	90	150

• OPERATING CHARACTERISTICS:

	mm	15	20	25	30	40
Nominal diameter DN	mm	15	20	25	30	40
Starting flow rate	L/h	<1	2	7	7	8
Actual minimal flow rate at +/-5%	L/h	3	6	11	11	20
Actual transitional flow rate at +/-5%	L/h	5	12	16	16	30
Maximum registration	m ³	105	105	105	105	105
Lowest resolution	L	0.05	0.05	0.2	0.2	0.2
Pressure loss at Qmax	bar	0.7	0.5	0.28	0.83	0.8
Maximum working pressure	bar	16				

• AVAILABLE MODELS:

Reference	Designation
70010241652	Cold water meter DN15 Qn=1.5m ³ /h Class C
70010241653	Cold water meter DN20 Qn=2.5m ³ /h Class C
70010241654	Cold water meter DN25 Qn=3.5m ³ /h Class C
70010241655	Cold water meter DN32 Qn=6m ³ /h Class C
70010241656	Cold water meter DN40 Qn=10m ³ /h Class C