

ELECTO T



ULTRASONIC METER

ElecTo T is the innovative solution in the field of measuring instruments for the Utility sector. It ensures excellent performance in all installation conditions and is insensitive to the chemical and physical characteristics of water. With its high sampling rate, it is able to measure accurately and reliably minimal flow volumes, facilitating the detection of leaks. Extremely compact it is easy to install, thanks to its careful construction and height, even in tight spaces. ElecTo T provides maximum flexibility in short- and long-distance data communication.

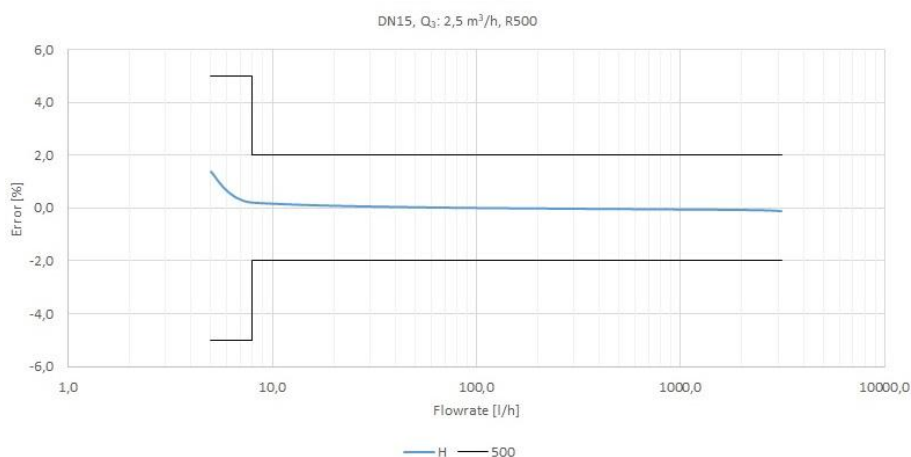
ELECTO T

FEATURES

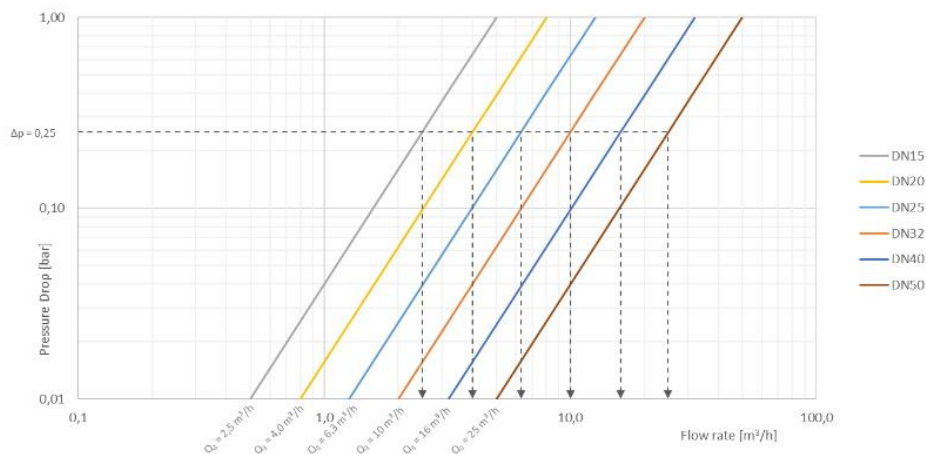
- Ultrasonic meter
- Ideal for homes, condominiums and small C&I installations
- MID-certified: R max 500
- DN: 15÷50
- Health certifications available for a number of countries
- Ultrasound technology with mirrorless solution
- No moving parts with low head loss guarantee
- No obstruction in the measuring tube
- Can be installed in all positions
- Large LCD display
- Brass tube to ensure sturdiness and stability over time
- Integrated wireless communication: wM-Bus, LoRaWAN and "dual mode"
- IP68 protection rating
- Battery life: Up to 16 years



TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



METROLOGICAL PERFORMANCE

Size	mm	15	20	25	32	40	50
	in	½	¾	1	1 ¼	1 ½	2

Module B no. SK 17-MI001-SMU052

Module D no. SK 19-QD-SMU020

MID standard performance *

Q ₃	m³/h	2,5	4	6,3	10	16	25
Q ₄	m³/h	3,13	5	7,88	12,50	20	31,25

R 500

Q ₁	l/h	5	8	12,60	20	32	50
Q ₂	l/h	8	12,80	20,16	32	51,20	80

* Other values of R available upon request.

TECHNICAL DATA

Maximum permissible error between Q₁ and Q₂ (excluded) +/- 5%

Maximum permissible error between Q₂ (included) and Q₄ +/- 2% with water temperature ≤ 30°C
+/- 3% with water temperature > 30°C

Temperature class T50

Flow profile sensitivity classes U0 – D0

Starting flow rate	l/h	2,5	4	6	10	16	25
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Head loss ΔP25

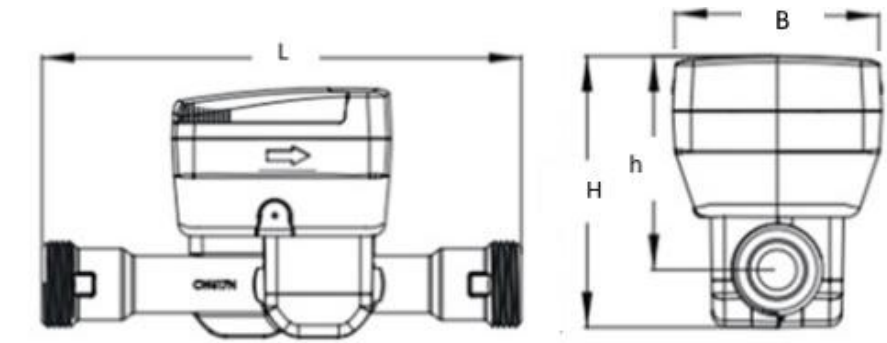
Nominal pressure bar 16

Maximum reading m³ 99.999.999

Minimum reading l 1

Indicative weight	kg	0,8	1	1,4	1,5	1,9	2,4
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DIMENSIONS



Size	mm	15	20	25	32	40	50
	in	½	¾	1	1 ¼	1 ½	2

Thread	in	G ¾ B	G 1 B	G 1 ¼ B	G 1 ½ B	G 2 B	G 2 ½ B
	mm	105/110/145/ 170	105/130/190	260		300	
L	mm						
H	mm	98			101	107	115
h	mm	77					
B	mm	87					