

ELECTO SJ



ELECTRONIC SINGLE JET METER

ElecTo SJ is single jet meter offering built-in data communication thanks to its innovative electronic radio register. Designed specifically for residential installations, it is available for both cold and hot water applications. Its large LCD display makes it very easy to read, while providing additional information to both users and operators. Suitable for remote data reading using mobile and fixed systems, it fully meets the requirements of the European Directive on energy efficiency.

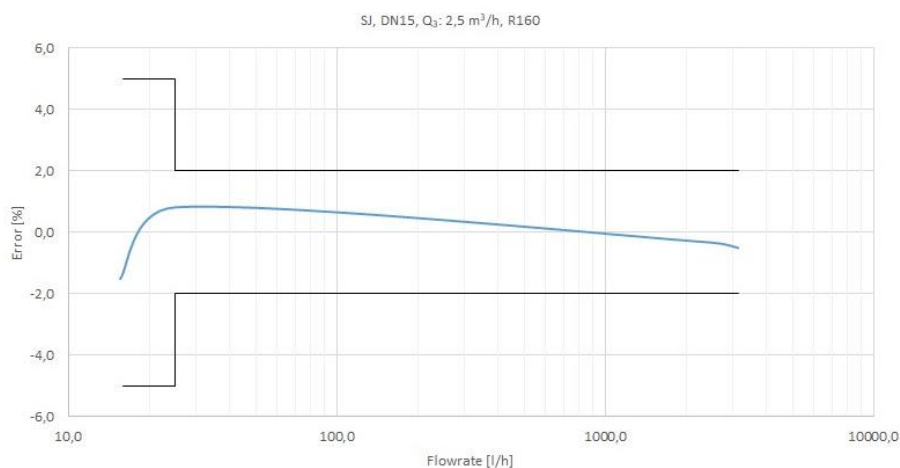
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FEATURES

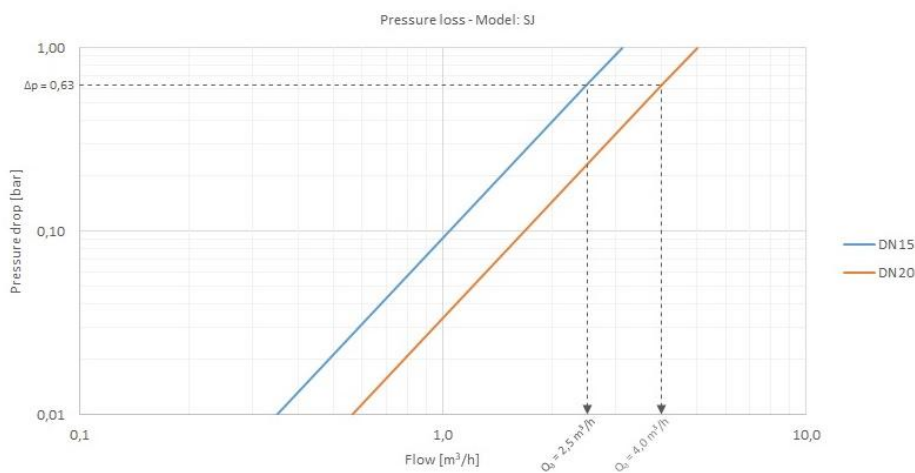
- Electronic single jet meter
- Ideal for residential indoor applications
- Available for hot and cold water
- DN: 15÷20
- MID-certified: R MAX 160
- High protection against external magnetic fields
- Health certifications available for a number of countries
- Register can be rotated 360°. IP68 protection
- Integrated wM-Bus, OMS radio
- Lithium battery with a minimum life of 7, 13 (default) or 15 years
- Fault detection: fraud, loss, overconsumption, reverse flow, blocked meter and reversed meter
- Programming and maintenance kit available upon request
- For further information on the functionality of electronic register and radio transmission, please refer to the instruction manual



TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



METROLOGICAL PERFORMANCE

Size	mm	15	20
	in	½	¾

Module B no.	TCM 142/20 – 5700
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Module D no.	0119-SJ-A010-08
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$Q_3/Q_1 = R$ Referred to installation position	$H \uparrow \leq 100$ $H \rightarrow; V \downarrow \leq 50$ $V \uparrow \leq 40$	$H \uparrow \leq 160$ $H \rightarrow; V \downarrow \leq 80$ $V \uparrow \leq 63$	$H \uparrow \leq 100$ $H \rightarrow; V \downarrow \leq 50$ $V \uparrow \leq 40$	$H \uparrow \leq 160$ $H \rightarrow; V \downarrow \leq 80$ $V \uparrow \leq 63$
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MID standard performance *				
Q_3	m³/h	1,6	2,5	4
Q_4	m³/h	2	3,13	5

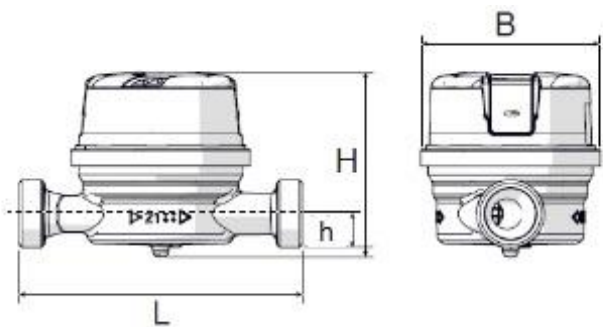
R		100		
Q_1	l/h	16	25	40
Q_2	l/h	25,60	40	64

* Other values of R available upon request.

TECHNICAL DATA

Maximum permissible error between Q ₁ and Q ₂ (excluded)		+/- 5%	
Maximum permissible error between Q ₂ (included) and Q ₄		+/- 2% with water temperature ≤ 30°C +/- 3% with water temperature > 30°C	
Temperature class		T30,T50,T30/90	
Flow profile sensitivity classes		U0 – D0	
Starting flow rate	l/h	4,5	8
Head loss		ΔP63	
Nominal pressure	bar	16	
Maximum reading	m³	99.999	
Minimum reading	l	1	
Indicative weight	kg	0,39	0,45

DIMENSIONS



Size	mm	15		20
	in	½		¾
Thread	in	G ¾ B		G 1 B
L	mm	80*/110/115/120/130 *only Q ₃ 2,5 R ≤H100 VR63	80*/110/115/120/130 – *Starting flow rate 7l/h	115/130
H	mm	72		
h	mm	11,7		16,7
B	mm	70		