



maddalena®
METERING EXPERTISE

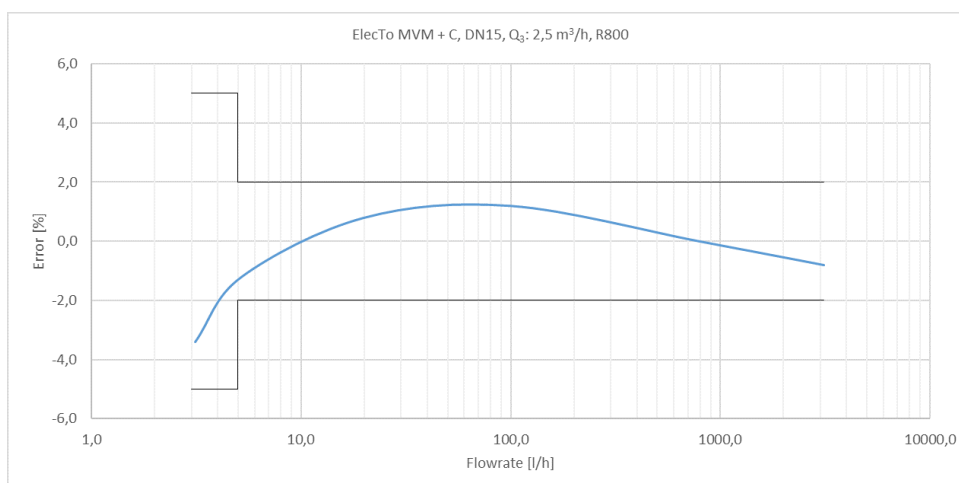
ELECTO MVM + C

FEATURES

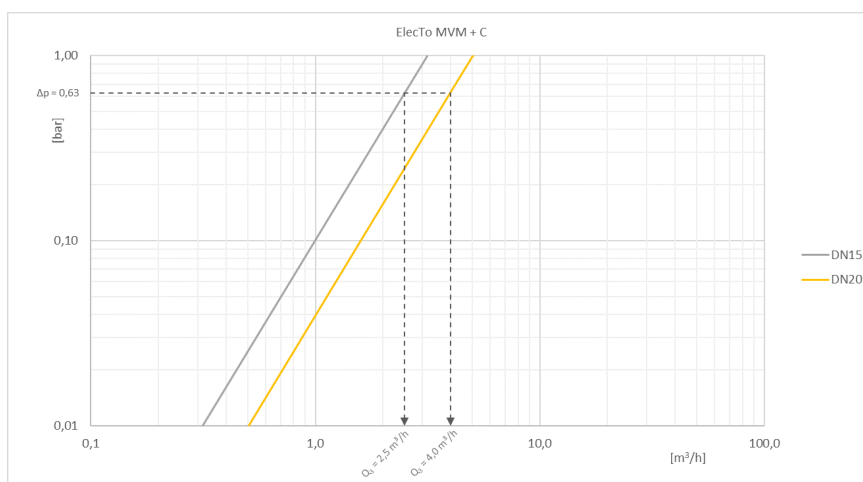
- Volumetric rotary piston meter
- DN: 15 to 20
- MID: R MAX 800
- Health certifications available for a number of countries
- Rotating register with IP68 rating
- Datalogging with a storage capacity of over 11,000 values
- Integrated wM-Bus, OMS and/or LoRaWAN radio
- Optimized antenna for maximum radio range
- Lithium battery with a minimum life of 13 years in dual mode (varies depending on the configuration chosen)
- Fault detection: fraud, probable leak, overconsumption, reverse flow, blocked meter and reversed meter
- Programming and testing kit available upon request



TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



METROLOGICAL PERFORMANCE

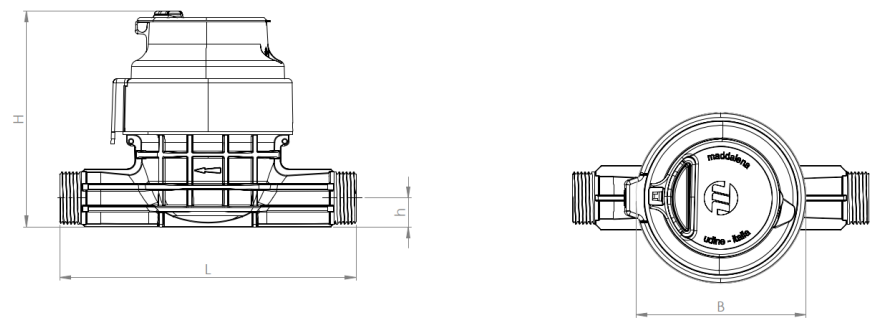
Size	mm	15	20
	in	½	¾
Module B no.	TCM 142/14 – 5200		
Module D no.	0119-SJ-A010-08		
Q ₃ /Q ₁ = R Referred to installation position	Any ≤ 800		
MID standard performance *			
Q ₃	m³/h	2,5	4
Q ₄	m³/h	3,13	5
R	400		
Q ₁	l/h	6,25	10
Q ₂	l/h	10	16

* 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		
Flow profile sensitivity classes	U0 – D0		
Starting flow rate	l/h	0,5	1
Head loss	ΔP63		
Nominal pressure	bar	16	
Maximum reading	m³	999.999	
Minimum reading	l	1	
Indicative weight	kg	0,450	0,9

DIMENSIONS



Size	mm	15	20
	in	½	¾
Thread	in	G ¾ B	G 1 B
L	mm	110/115/145/165/170	165/190/198
H	mm	126	138,5
h	mm	16	20
B	mm	94	108

COMMUNICATION MODULES



For more information on all the accessories available, consult the specific technical data sheets on the website www.maddalena.it