

CD ONE TRP

ΥΔΡΟΜΕΤΡΑ ΑΠΛΗΣ ΡΙΠΗΣ



PROTECTED ROLLERS SINGLE JET METER

CD ONE TRP is the ultimate single-jet meter expression. Thanks to its mechanical transmission, it offers high metrological performance and is insensitive to external magnetic fields. Its "protected rollers" solution, first developed by Maddalena, ensures perfect legibility over time. Compact, robust and suitable for the most challenging environments, it is compatible with all types of water. It can be equipped with the latest remote data transmission technologies.



CHRYSSAFIDIS

maddalena[®]

METERING EXPERTISE

CD ONE TRP

FEATURES

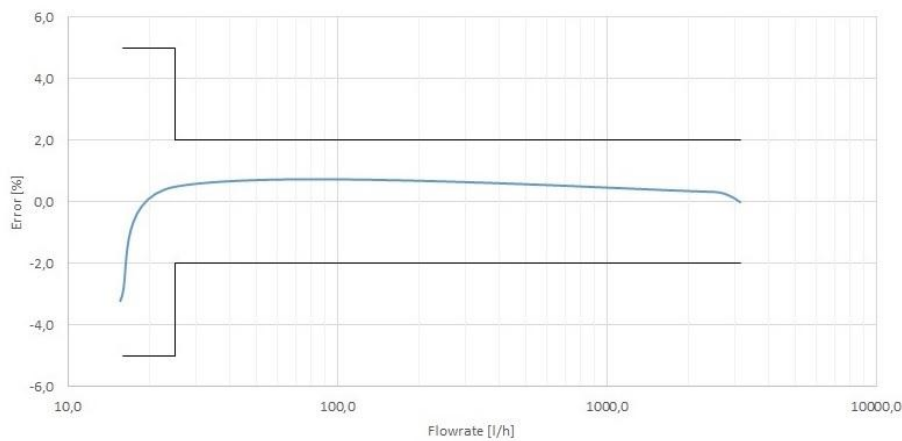
- Protected rollers single jet meter for hot or cold water
- Ideal for utilities and outdoor installations
- MID-certified: R max 250
- DN: 15÷25
- Health certifications available for a number of countries
- Supports various installation positions
- Mechanical transmission unaffected by external magnetic fields
- Mineral glass lens
- Number rollers, approval class and serial number are located in the protected part
- Ready for optional reed switch (1P=1-10-100-1000L) or static pulse emitter (1P=1-10L)



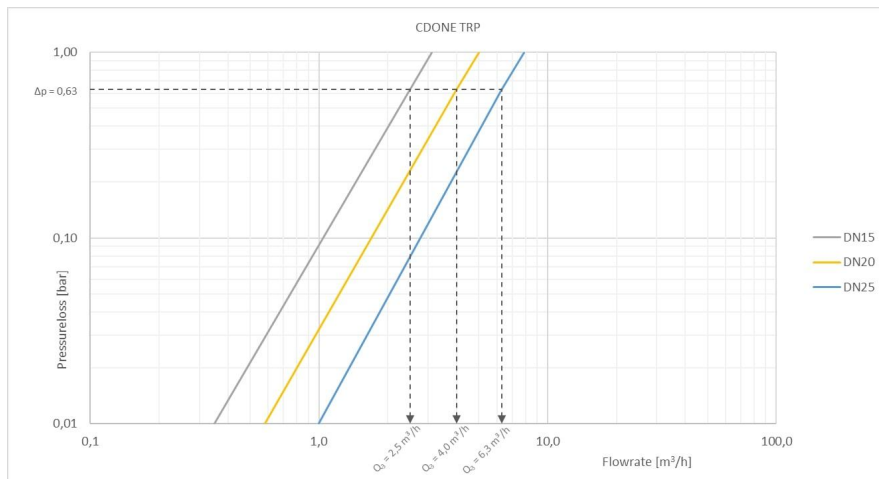
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TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



METROLOGICAL PERFORMANCE

Size	mm	15	20	25
	in	½	¾	1
Module B no.	TCM 142/08-4627			
Module D no.	0119-SJ-A010-08			
Q ₃ /Q ₁ = R	H↑ ≤ 250			
Referred to installation position	V↑ ≤ 100			
MID standard performance *				
Q ₃	m ³ /h	2,5	4	6,3
Q ₄	m ³ /h	3,13	5	7,88
R	160			
Q ₁	l/h	15,63	25	39,38
Q ₂	l/h	25,01	40	63,01

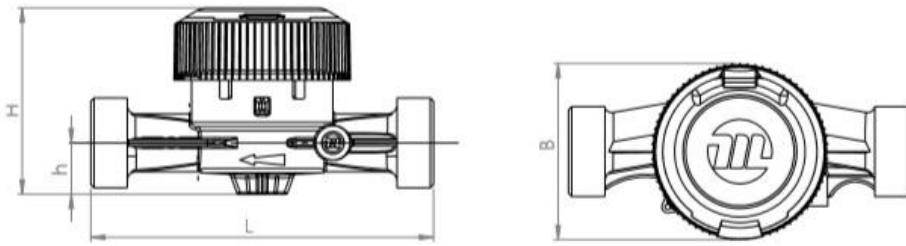
* Other values of R available upon request.

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	7-9	16-18
Head loss	ΔP63			
Nominal pressure	bar	16		
Maximum reading	m ³	99.999		
Minimum reading	l	0,05		
Indicative weight	kg	0,75	0,92	1,25



DIMENSIONS



Size	mm	15	20	25
	in	½	¾	1
Thread	in	G ¾ B	G 1 B	G 1 ¼ B
L	mm	110/115	130	160
H	mm		87	
h	mm		25,5	
B	mm		82	

COMMUNICATION MODULES

ARROW^{EVO} 868
SPLITARROW^{WAN} 169
SPLITARROW^{WAN} 868
SPLITARROW^{WAN} NB-IoT
SPLIT

REED SWITCH



QUADRAPLUS

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



METERING EXPERTISE