

DS SD



SUPERDRY MULTI-JET METER

DS SD represents the classic solution for a multijet meter with magnetic transmission. It combines good metrological performance with high protection from external magnetic fields. Robust, long lasting 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.

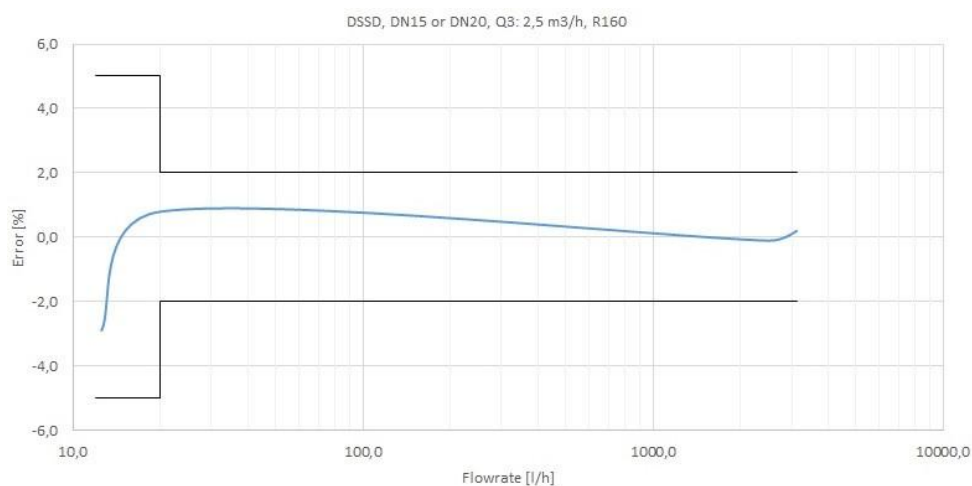
DS SD

FEATURES

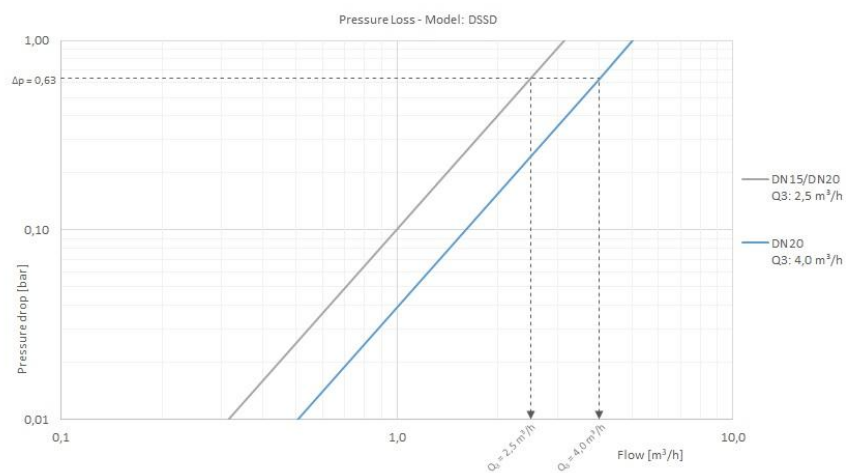
- Superdry multijet meter for cold water
- Ideal for utilities and outdoor installations
- MID-certified: R max 160
- DN: 15÷20
- Health certifications available for a number of countries
- High protection against external magnetic fields
- Mineral glass lens
- Ready for optional pulse emitter reed switch (1P=1-10-100-1000L)



TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



METROLOGICAL PERFORMANCE

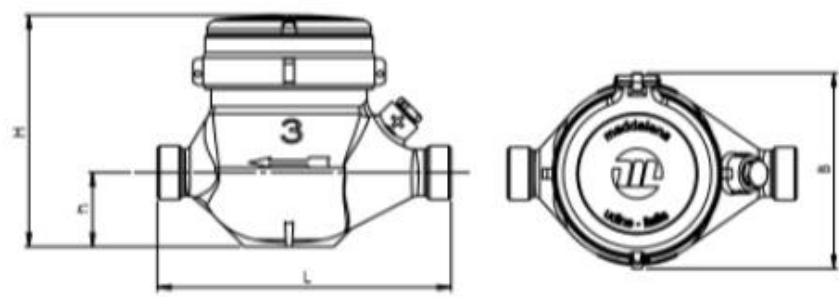
Size	mm	15	20
	in	½	¾
Module B no.	TCM 142/16 5358		
Module D no.	0119-SJ-A010-08		
Q ₃ /Q ₁ = R Referred to installation position	H↑ ≤ 160		
MID standard performance *			
Q ₃	m³/h	2,5	4
Q ₄	m³/h	3,13	5
R	160		
Q ₁	l/h	15,63	25
Q ₂	l/h	25,01	40

* 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	7	8
Head loss	ΔP63		
Nominal pressure	bar	16	
Maximum reading	m³	99.999	
Minimum reading	l	0,05	
Indicative weight	kg	1,45	1,61

DIMENSIONS



Size	mm	15	20
	in	½	¾
Thread	in	G ¾ B	G 1 B
L	mm	105 (V) – 110 – 130 – 145 – 160 – 165 – 170 – 190	160 – 190
H	mm	114	
h	mm	36,5	
B	mm	97	

COMMUNICATION MODULES



REED SWITCH

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