SJ-SDC
Single jet water meter

mafusa

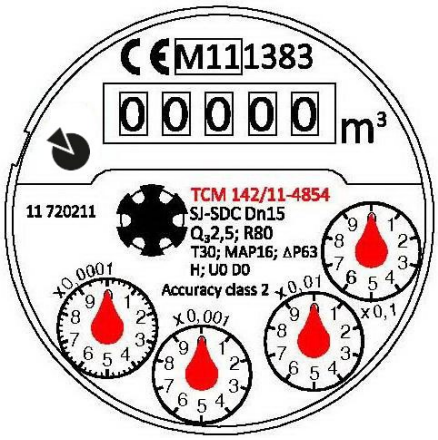
Technical Data

· Single jet
· Dry type
· Residential use
· From DN15 to DN40
· Designed to meet the requirements of the directive 2004/22 / EC of measuring instruments and the European standard EN14154 and the International Organization of OIML R-49 legal meteorology.

Characteristics

· All materials in contact with water are resistant to corrosion.
· According to the regulations it is a meter for cold water (≤30 ° C), but its correct operation is guaranteed up to 50°C.
· Rotary reading indicator to place it in the most comfortable reading position, it has 8 digits and a dial gauge with a needle.
· The turbine is the only moving part in contact with water.
· Magnetic protection against external influences.
· As an option, a 5-digit, 4-dial dial can be supplied.

Dial Design

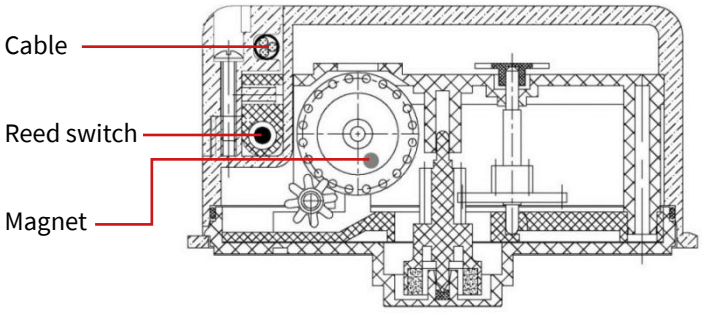


*Option

Option

· External calibration equipment as an option.
· Pre-equipped for pulse emitter as option
· Pulse emitter as option

Detail



· The pulse emitting equipment consists of a container plastic with Reed Switch and 1.5m red and black two-strand cable.
· Electrical data: Vmax = 24AD / DC, Imax = 0,01ª
· Pulse output capacity:

Mesure	DN15 - DN20 - DN25 - DN32 - DN40
Pulse emitter capacity	10 liters/pulse o 100 liters/pulse

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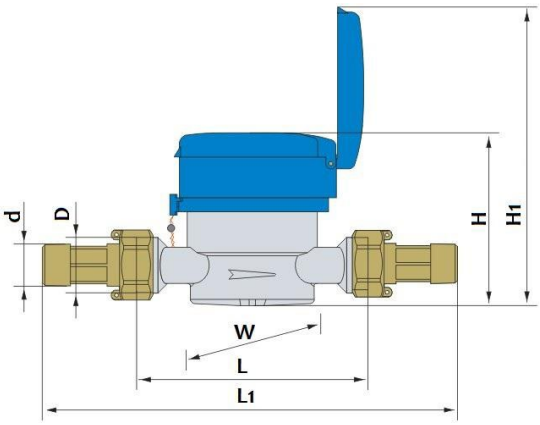
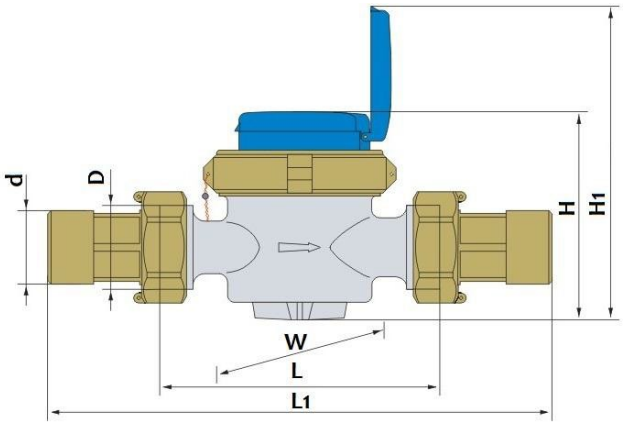




Dimensions

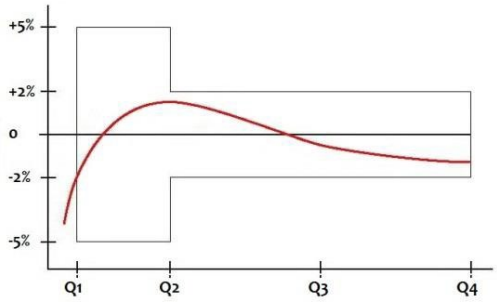
Mesure	DN15	DN15	DN15	DN15	DN15	DN20	DN25	DN32	DN40
L	80	110	115	120	190	130	160	160	200
L1	174	204	209	214	284	234	280	284	331
D	G3/4B	G3/4B	G1B	G3/4B	G1B	G1B	G1-1/4B	G1-1/2B	G2B
d	R1/2	R1/2	R3/4	R1/2	R3/4	R3/4	R1	R1-1/4	R1-1/2
H	84.5	84.5	84.5	84.5	84.5	84.5	106	106	123
H1	145.5	145.5	145.5	145.5	145.5	145.5	167	167	184
W	81.5	81.5	81.5	81.5	81.5	81.5	84	84	110

* L1: full length with connection and uncompressed rubbers

Mail Technical Data

Mesure	DN	DN15	DN20	DN25	DN32	DN40
R	**Q3**	80	80	80	80	80
Q4	**m^3/h**	3,125	5	7,875	12,5	20
Q3	**m^3/h**	2,5	4	6,3	10	16
Q2	**l/h**	50	80	126	200	320
Q1	**l/h**	31,25	50	78,75	125	200
Max. Reading	**m^3**	99999,9999				
Min. Reading	**Liter**	0.02				
Presure loss	**ΔP**	ΔP < 63 a Q3				
Máx, Temperature	**MAP**	MAP16				
Max. Pressure	**ºC**	T30 o T50				

Maximum admisible error(for 30ºC)



According to: SJ-SDC XX DNAA-L.XXX
SJ = Single jet
SDC = Dry Type
XX: D3 = No external calibration
D7 = Without external calibration (only for DN15 and DN20)
DNAA: AA = Water meter size
L.XXX: XXX is the length of the water meter
SJ-SDC-D3-DN15 L.110: Jet water meter unique DN15 without external calibration

· From Q1 (inclusive) to Q2 (excluded) is of ± 5%
· From Q2 (inclusive) to Q4 ± 2% for T30 y ± 3%for T50