



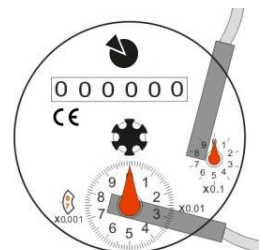
Technical Data

- Magnetic transmission
- Dry type
- Industrial and irrigation use
- From DN40 to DN500.
- Designed to comply the requirements of the directive 2004/22 / EC on measuring instruments, as well as with the European standard EN14154.

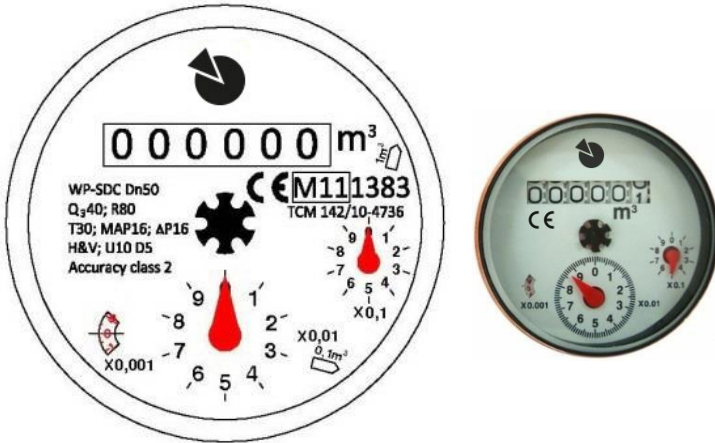
Characteristics

- All materials in contact with water have a high degree of corrosion resistance.
- Ductile iron body with internal and external epoxy coating.
- The indicator register is rotatable to find the most comfortable reading position.
- The reading mechanism is interchangeable, it can be easily removed and replaced without removing the counter from the pipeline.
- It can be installed in any position, horizontal, vertical or inclined.
- Low pressure drop
- It is not affected by external magnetic fields.
- Pre-installation for pulse output consists of a plastic encapsulating with a Reed Switch and a 1.5m cable with a black and a red filament.
 - Electrical characteristics:
V max = 24 AC / DC - I max = 0.01 A
 - Pulse emitter capacity:

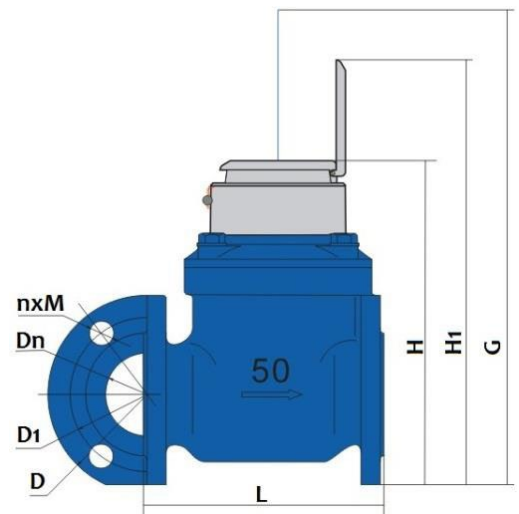
Measure	m ³ / pulse	
	DN40 a DN125	0.1
DN150 a DN200	1	10
DN250 a DN500	10	100



Dial design



MODULE B - EC- TYPE EXAMINATION CERTIFICATE number:
TCM 142/10-4376
MODULE D - QUALITY CERTIFICATE SYSTEM
No.0119-SJA004-10



Dimensions

Flange Standard: ISO 7005-2:1998(E) PN16

DN	40	50	65	80	100	125	150	200	250	300	350	400	500
L	260	200	200	225	250	250	300	350	450	500	500	600	800
H	225	252	262	272	282	297	341	371	480	516	560	647	785
H1	303	339	349	359	369	384	428	458	576	603	603	723	838
G	360	400	400	400	400	400	500	500	710	730	730	830	930
D	150	165	185	185	220	250	285	340	405	460	520	580	715
D1	110	125	145	160	180	210	240	295	355	410	470	525	650
nxM	4xM16		8xM16		8xM20	12xM20		12xM24		16xM24	16xM27	20xM30	

Different standards for flanges can be chosen, such as: ISO7009-2: 1998 (E) PN10, ASME ...

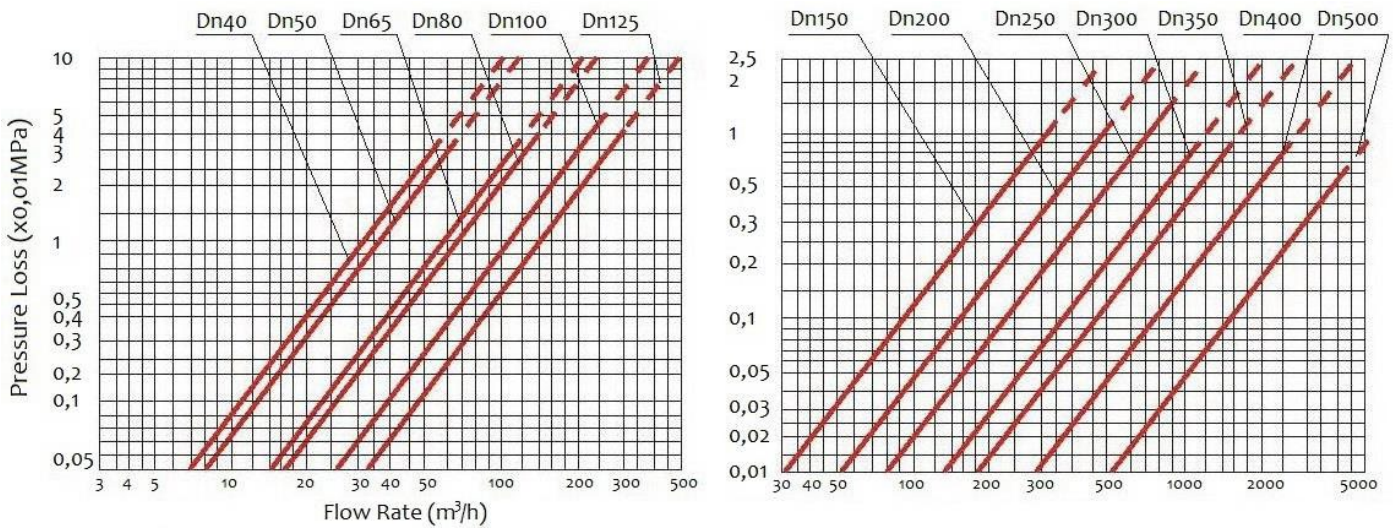
Different body lengths as an option

DN	40	50	65	80	100	125	150	200	250	300	350	400	500
L	X	250	250	200	300	X	430	X	X	X	X	500	500
	X	270	260	270	360	X	X	X	X	X	X	X	X
	X	310	X	300	483	X	X	X	X	X	X	X	X
	X	X	X	413	X	X	X	X	X	X	X	X	X

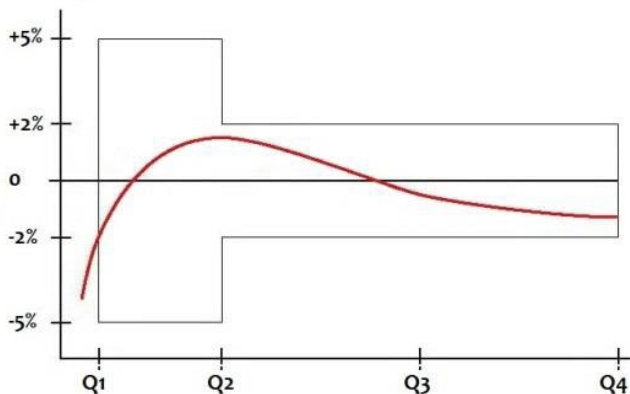
Main generic data

Dimension	mm	40	50	65	80	100	125	150	200	250	300	350	400	500	
R=Q3/Q1		50	80												
Q4	m ³ /h	31,325	50	78,75	78,75	125	200	312,5	500	787,5	1250	1250	2000	3125	
Q3	m ³ /h	25	40	63	63	100	160	250	400	630	1000	1000	1600	2500	
Q2	m ³ /h	0,8	0,8	1,26	1,26	2	3.2	5	8	12,6	20	20	32	50	
Q1	m ³ /h	0,5	0,5	0,7875	0,7875	1,25	2	3,125	5	7,875	12,5	12,5	20	31,25	
Max. Reading	m ³ /h	999999,99						9999999,99			99999999,9				
Min. Reading	m ³ /h	0,0005						0,005			0,05				
Pressure loss	ΔP	10	16	10	10	10	16	10	10	10	10	10	10	10	
Max. Pressure	MAP	MAP16													
Max. Temperature	°C	T30 O T50													

Pressure loss curve



Maximum allowable error



- From Q1 (inclusive) to Q2 (exclusive) es de ± 5%
- From Q2 (inclusive) to Q4 ± 2% para T30 y ± 3% para T50

Installation requirements

- The Woltman turbine water meter WP-SDC can be installed in any position (horizontal, vertical, inclined) respecting the direction of flow indicated by the molten arrow on the body of the meter.
- The meter needs to have a straight tube with a length of 10 times the diameter before and 5 times after, to guarantee an absence of turbulence and a correct flow measurement.
- The pipeline tows must be carried out before the installation of the meter.
- The water meter must work with the pipe to full section.

