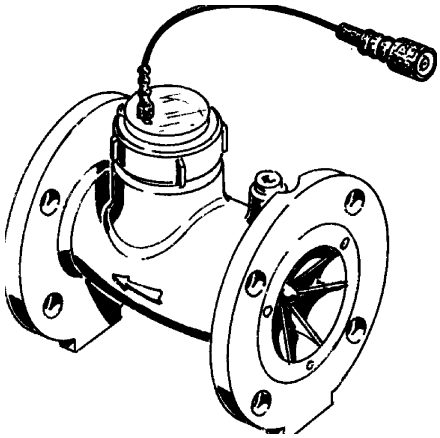
WOLTMANN PULSE EMITTER WATER METER Data Sheet

FEATURES

- Dry dial
- Threaded Woltmann (2") type for cold and hot water
- Flange sizes range: from 2" to 8"
- Woltmann water meter for horizontal and vertical assembly
- Working temperature: cold water up to 50° C CWCA Mod. up to 90 °C and 16 bar
- Epoxy coated cast iron housing (except for CWFI with brass housing)
- Max voltage 250 VAC, 200 VDC
- Max current 1.0 A
- Max power 10 VA
- Insulation voltage 4000 Vac
- Available water meter without pulse emitter



Configuration Info

MODELS	
CWFA.	**"*CWFA*" Woltmann cold water pulse emitter water meter**
CWCA.	**"*CWCA*" Woltmann hot water pulse emitter water meter**
CWFI.	**"*CWFI*" Woltmann cold water pulse emitter water meter (threaded 2")**

Model CWCA. 015 0 04 L 0 2.5

GAUGES		
	inc	**mm**
015	1/2	15
020	3/4	20
025	1	25
030	1.1/4	30
040	1.1/2	40
050	2	50

CONNECTORS	
0	BNC
1	2 wires
3	2 wires (coaxial cable)

QUANTITY PER PULSES	
L	1 litre
D	10 litres
C	100 litres
M	1000 litres

PULSES PER LITRE
refer to the tables "Pulses per litre"

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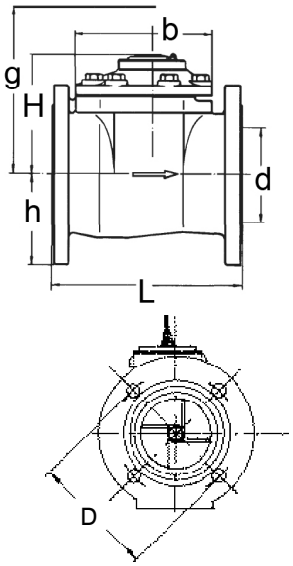
PULSES PER LITRE

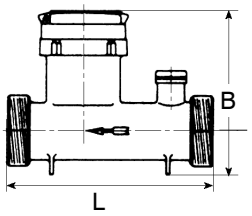
Pulses per liter table for CWFA / CWCA / CWFI series water meters	Water Meter Caliber					
	50 - 2"	**65 - 2,5"**	**80 - 3"**	**100 - 4"**	**150 - 6"**	**200 - 8"**
Pulses for 10 lt	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4	n/a	n/a	n/a
Pulses for 100 lt	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4	n/a
Pulses for 1000 lt	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4
Pulses for 10000 lt	n/a	n/a	n/a	1 , 2 , 4	1 , 2 , 4	1 , 2 , 4

DIMENSIONS

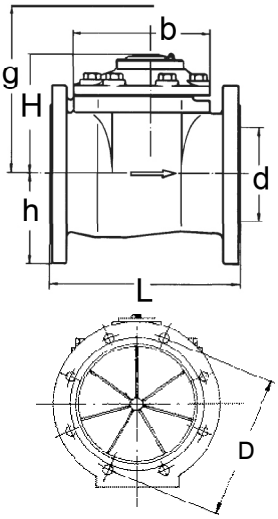
Gauge 50 - 65 mm



Gauge		mm *inch*	50 *2*	65 *2.5*	80 *3*	100 *4*	150 *6*	200 *8*	CWFI 50 50 2
Total Length	**L**	mm	200	200	225	250	300	350	200
Height	**H**	mm	129	129	140	140	212	212	-
Height	**h**	mm	78	86	94	106	143	180	-
Height	**g**	mm	254	254	265	265	460	460	-
Dimension	**b**	mm	166	186	200	228	300	375	-
Height CWFI	**B**	mm	135	150	155	155	210	210	175
Holes Circle	**D**	mm	125	145	160	180	240	295	-
Holes numbers			4	4	8	8	8	12	-
Weight		Kg	12.5	13	15.5	19.5	40	50	5



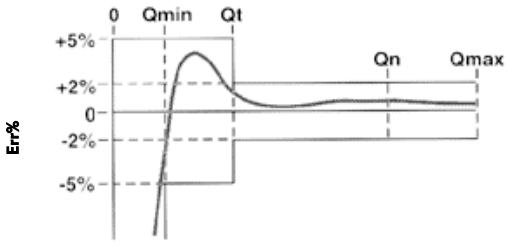
Gauge 80 -100 - 150 - 200 mm



FEATURES

Gauge	mm inch	50 2	65 2,5	80 3	100 4	150 6	200 8
Inertial breaking	m³/h	0,2	0,25	0,25	0,3	1,7	1,8
Max temporary flow delivery Qmax	m³/h	30	50	80	120	300	500
Flow delivery with 1m of head loss	m³/h	20	55	90	140	410	610
Nominal flow rate Qn	m³/h	15	25	40	60	150	250
First precision delivery (±2%) Qt	m³/h	2	4	4	6	12	12
Transitional flow rate ±5% Qmin	m³/h	0,55	0,6	0,7	1,2	3	5
Max operation pressure	bar	16	16	16	16	16	16
Minimum reading	l	1	1	1	10	10	100
Maximum reading	m³	10^6	10^6	10^6	10^7	10^7	10^8

ERROR CURVE



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