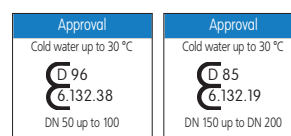


H 4200 Woltmann Meter

Hydraulically balanced rotor
for sensitive start-up



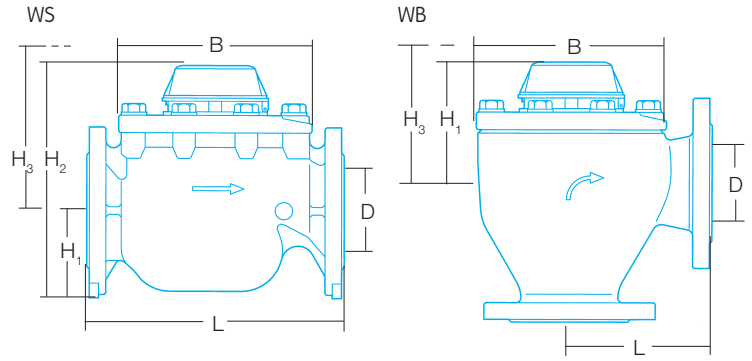
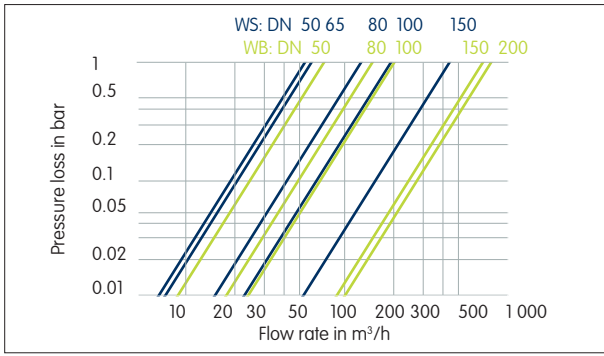
- Woltmann meter WS/WB for cold water
- Nominal size DN 50 to 200 for horizontal installation (B/H)
- Waterproof register IP 68
- Serial communication interface



Woltmann Meter WS		H 4200						
Nominal size / connection flange	DN mm	50	65	80	100	150	200	
Meter size / permanent flow	Q _n m ³ /h	15	25	40	60	150	—	
Performance characteristics								
Overload flow rate	Q _{max} m ³ /h	50		110	180	350	—	
Transitional flow rate	Q _t m ³ /h	1.0	1.2	1.5		5	—	
Minimum flow rate	Q _{min} m ³ /h	0.2		0.25	0.3	0.8	—	
Continuous load	m ³ /h	25		55	90	200	—	
Temperature	T _{max} °C	50						
Pressure rating	PN bar	16		10/16*	16		—	
Flow capacity	at 0.1 bar pressure loss m ³ /h	> 19	> 21	> 42	> 70	> 160	—	

Woltmann Meter WB (well water meter)		H 4200						
Nominal size / connection flange	DN mm	50	65	80	100	150	200	
Meter size / permanent flow	Q _n m ³ /h	15	—	40	60	150	250	
Performance characteristics								
Overload flow rate	Q _{max} m ³ /h	50	—	110	180	350	600	
Transitional flow rate	Q _t m ³ /h	1.0	—	1.5		5	20	
Minimum flow rate	Q _{min} m ³ /h	0.2	—	0.28	0.30	0.8	4	
Continuous load	m ³ /h	25	—	55	90	200	300	
Temperature	T _{max} °C	50						
Pressure rating	PN bar	16	—	10/16*	16		10/16	
Flow capacity	at 0.1 bar pressure loss m ³ /h	> 25	—	> 50	> 75	> 250	> 295	

* DN 80/PN 10: 4-hole flange, old standard



Woltmann Meter WS		H 4200						
Nominal size / connection flange	DN	mm	50	65	80	100	150	200
Meter size / permanent flow	Q_n	m ³ /h	15	25	40	60	150	—
Technical data								
L Length	DIN 19 625	mm	270	300		360	500	—
	ISO 4064	mm	300		350		500	—
B Width		mm	173		239		310	—
H ₁ Centerline height		mm	85	97	102	113	141	—
H ₂ Overall height		mm	220	232	282	303	492	—
H ₃ Height	measuring insert	mm	240		330	340	620	—
Weight		kg	14.5	17.7	24	28	80	—

Woltmann Meter WB (well water meter)		H 4200						
Nominal size / connection flange	DN	mm	50	65	80	100	150	200
Meter size / permanent flow	Q_n	m ³ /h	15	—	40	60	150	250
Technical data								
L Length**	DIN 28 537 Standard	mm	150	—	180	200	250	300
	DIN 28 637 (optional)	mm	150	—	165	180	220	260
B Width		mm	173	—	239		310	355
H ₁ Centerline height		mm	153	—	165	175	220	265
H ₃ Height	measuring insert	mm	240	—	330	340	485	590
Weight		kg	14.5	—	27	34	72	130

** others on request

Communication modules

Falcon pulse module	PR7
Falcon radio module	TPR7
Falcon MBus module	PR7M

(techn. data see relevant data sheet)



Possible pulse outputs with Falcon pulse module (PR7)

DN 50 - 100	litres/pulse	Output 1/Output 2	1/10, 1/100, 1/1.000, 10/10, 25/50
DN 150 + 200	litres/pulse	Output 1/Output 2	10/100, 10/1.000, 10/10.000, 100/100, 250/500



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