

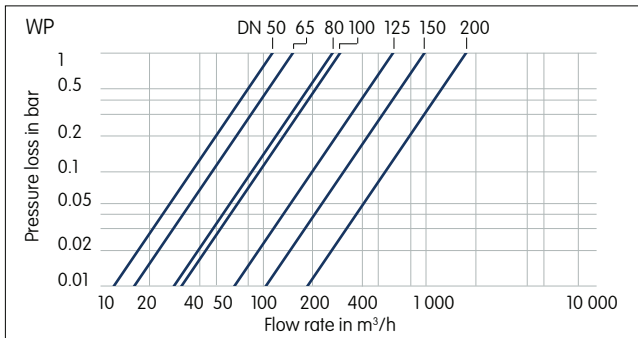
H 4300 Woltmann meter

The hot water flow sensor for installation in any orientation



Approval								
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WP DN 50/65	WP DN 80 ... DN 125	WP DN 150/200						

- Woltmann meter flow sensor WP for hot water
- Nominal size DN 50 up to 200
- High temperature load up to 120 °C
- Highly durable tungsten carbide/
sapphire jewel rotor bearings
- Serial pulse output



Woltmann meter WP		H 4300							
Nominal size / Connection flange		DN	50	65	80	100	125	150	200
Meter size / Nominal flow rate		Q_n (Qp)	15	25	40	60	100	150	250
Ordering number	Initial certification class A*								
Litres/pulse			100	100	100	100	100	1000	1000
PN10	4-hole (old standard)		—	—	0002009	—	—	—	0002014
PN16			0002007	0002008	0002010	0002011	0002012	0002013	0002015
L	Length	mm	200	200	225	250	250	300	350
B	Width	mm	155	155	200	220	250	285	340
H_1	Centerline height	mm	75	83	92	110	125	135	163
H_2	Overall height	mm	200	206	292	310	325	379	407
Weight		kg	11	11.5	18	20	22.4	39	47
Performance characteristics									
Maximum flow rate	Q_{max} (Q_c)	m ³ /h	30	30	90	200	200	300	500
Minimum flow rate	Q_{min} (Q_l)	m ³ /h	0.55	0.55	2	2.4	3.5	4.5	8
Starting flow		m ³ /h	0.13	0.13	0.27	0.5	0.8	1.7	2.0
Continuous loading		m ³ /h	50	70	40	60	100	450	800
Temperature**	T_{max}	°C	120	120	120	120	120	120	120
Pressure rating	PN	bar	16	16	10/16	16	16	16	10/16
Flow capacity	at 0.1 bar pressure loss	m ³ /h	35	63	85	95	200	310	560

* other types on request

** Register heightening for T_{max} 130 °C on request

Contact output

Version Reed switch potted,
Protection class IP 68

Contact load max. 24 V DC, 200 mA

Resistance 100 Ohm/0.25 W

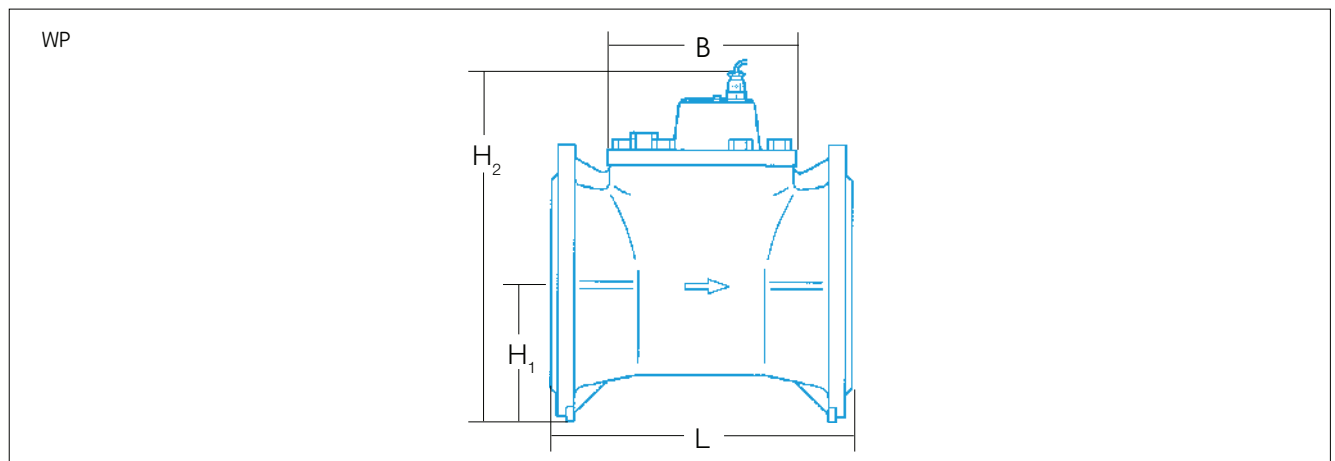
Cable length 3 m

Pulse value

Available pulse sequences: 25 - 100 - 250 - 1000 litres/pulse

Standard version DN 50-125: 100 litres/pulse

Standard version DN 150-200: 1000 litres/pulse



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