

H 4300

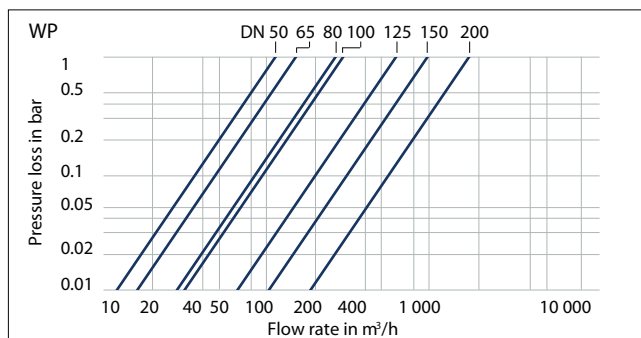
Woltmann meter

The hot water flow sensor for installation in any orientation



Approval								
<table><tr><td>22.56</td></tr><tr><td>01.01</td></tr></table>	22.56	01.01	<table><tr><td>22.16</td></tr><tr><td>87.01</td></tr></table>	22.16	87.01	<table><tr><td>22.56</td></tr><tr><td>03.02</td></tr></table>	22.56	03.02
22.56								
01.01								
22.16								
87.01								
22.56								
03.02								
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



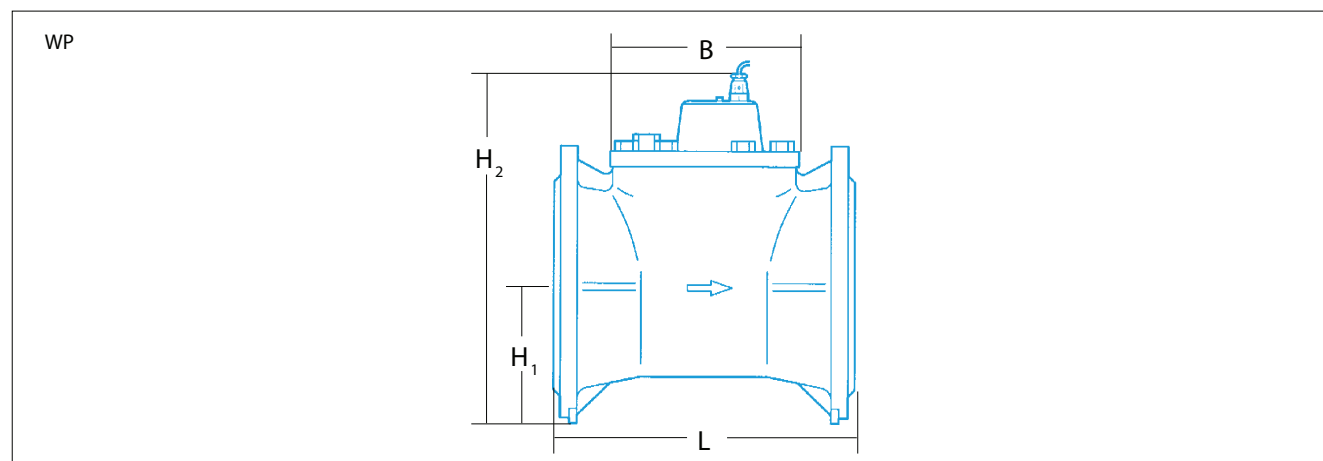
Woltmann meter WP			H 4300								
Nominal size / Connection flange			DN	mm	50	65	80	100	125	150	200
Meter size / Nominal flow rate			Q _n (Q _p)	m³/h	15	25	40	60	100	150	250
Ordering number			Initial certification class A*								
Litres/pulse			4-hole (old standard)		100	100	100	100	100	1000	1000
PN10					—	—	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 _i)	m³/h	30	30	90	200	200	300	500
Minimum flow rate			Q _{min} (Q _i)	m³/h	0.55	0.55	2	2.4	3.5	4.5	8
Starting flow				m³/h	0.13	0.13	0.27	0.5	0.8	1.7	2.0
Continuous loading				m³/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	m³/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



ADR
Arthur D Riley & Co Ltd

fieldsmart technology



ADRwater

AUCKLAND
8 BEATRICE TINSLEY CRES
ROSEDALE 0632
PO BOX 302-248, NORTH HARBOUR
AUCKLAND 0751
T: (09) 444 2350 F: (09) 444 3085

HAMILTON
1/21 RAILSIDE PLACE
DINSDALE 3204
PO BOX 230
RAGLAN 3265
T: (07) 846 0602 F: (07) 846 0604

WELLINGTON HEAD OFFICE
137 THORNDON QUAY
WELLINGTON 6011
PO BOX 3749
WELLINGTON 6140
T: (04) 472 7614 F: (04) 472 7658

CHRISTCHURCH
UNIT 4, 89 VICKERYS ROAD
WIGRAM 8042
PO BOX 11 033, SOCKBURN
CHRISTCHURCH 8443
T: (03) 379 2628 F: (03) 379 2627

www.adriley.co.nz