

# H 4000

## Woltmann Meter

Powerful in any position

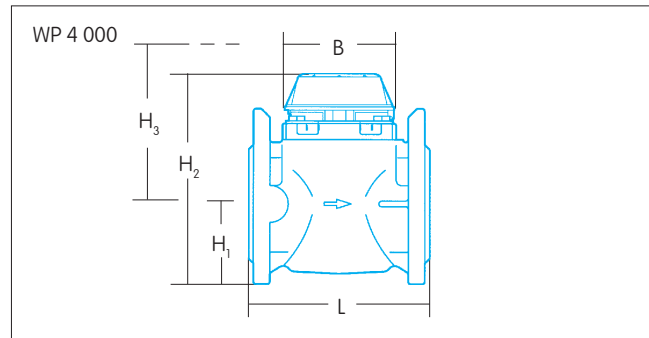
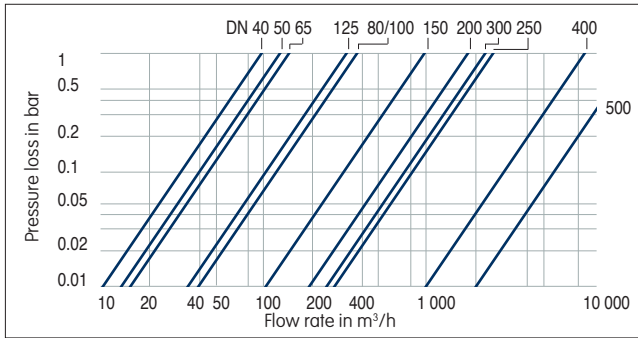
elster H4000  
helix



Approval				
Cold water up to 30 °C				
B 96 31.53 DN 40	B 95 31.51 DN 50	B 95 31.52 DN 65	B 94 31.49 DN 80	B 94 31.48 DN 100
B 95 31.50 DN 125	B 97 31.54 DN 150	B 97 31.55 DN 200	B 98 31.56 DN 250	B 98 31.57 DN 300

Approval
Cold water up to 30 °C
6.132
97.17
DN 400 bis 500

- Woltmann Meter WP for cold water
- Nominal size DN 40 to 500
- Universal installation (H/V)
- Forward and reverse flow measuring
- Separately calibratable measuring insert
- Waterproof register IP 68
- Serially communication interface



<b>Woltmann Meter WP H 4000</b>		DN	40	50	65	80	100	125
Nominal size / Connection flange		mm						
Meter size / Nominal flow rate		$Q_n$	15	15	25	40	60	100
<b>Ordering number</b>	Initial certification class B		—	—	—	<b>PPD4602</b>	—	—
PN10	4-hole (old standard)					<b>PPD4601</b>		
PN16			<b>PPA4534</b>	<b>PPB4532</b>	<b>PPC4532</b>		<b>PPE4532</b>	<b>PPF4532</b>
L	Length	mm	300	200	200	225	250	250
B	Width	mm	166	166	186	200	228	250
H <sub>1</sub>	Centerline height	mm	78	78	86	94	106	118
H <sub>2</sub>	Overall height	mm	227	227	235	254	266	278
H <sub>3</sub>	Height measuring insert	mm	274	274	274	285	285	285
Weight		kg	12	12,5	13	15,5	19,5	20,5
<b>Performance characteristics</b>								
Maximum flow rate	$Q_{max}$	m <sup>3</sup> /h	90	90	120	200	300	350
Transitional flow rate	$Q_1$	m <sup>3</sup> /h	1	1	1,5	2	2	2
Minimum flow rate	$Q_{min}$	m <sup>3</sup> /h	0.35	0.35	0.4	0.5	0.6	0.6
Continuous load		m <sup>3</sup> /h	50	50	70	120	230	250
Temperature	$T_{max}$	°C	50	50	50	50	50	50
Pressure rating	PN	bar	16	16	16	10/16	16	16
Flow capacity	at 0.1 bar pressure loss	m <sup>3</sup> /h	> 31	> 42,5	> 45.5	> 121	> 121	> 104

<b>Woltmann Meter WP H 4000</b>		DN	150	200	250	300	400	500
Nominal size / Connection flange		mm						
Meter size / Nominal flow rate		$Q_n$	150	250	400	600	1 000	1 500
<b>Ordering number</b>	Initial certification class B		—	<b>PPH4533</b>	<b>PPJ4533</b>	<b>PPK4533</b>	<b>0000711*</b>	<b>000713*</b>
PN10				<b>PPH4532</b>	<b>PPJ4532</b>	<b>PPK4532</b>	<b>0000712*</b>	<b>000714*</b>
PN16								
L	Length	mm	300	350	450	500	500	500
B	Width	mm	286	341	410	460	580	715
H <sub>1</sub>	Centerline height	mm	135	165	200	225	290	358
H <sub>2</sub>	Overall height	mm	355	410	460	485	620	740
H <sub>3</sub>	Height measuring insert	mm	490	490	655	680	630	680
Weight		kg	37.5	47.5	82	104	190	300
<b>Performance characteristics</b>								
Maximum flow rate	$Q_{max}$	m <sup>3</sup> /h	600	1 200	1 600	2 000	3 000	4 500
Transitional flow rate	$Q_1$	m <sup>3</sup> /h	4	6	11	15	50	80
Minimum flow rate	$Q_{min}$	m <sup>3</sup> /h	1,8	4	6	12	30	45
Continuous load		m <sup>3</sup> /h	450	800	1 250	1 400	1 500	2 300
Temperature	$T_{max}$	°C	50	50	50	50	50	50
Pressure rating	PN	bar	16	10/16	10/16	10/16	16	16
Flow capacity	at 0.1 bar pressure loss	m <sup>3</sup> /h	> 320	> 550	> 840	> 830	> 3 000	> 6 000

	PR7	DN 40 – DN 125	DN 150 – DN 300	DN 400 + DN 500	Ordering number
<b>Falcon pulse module</b>	PR7	1 l/pulse and 10 l/pulse 1 l/pulse and 100 l/pulse 1 l/pulse and 1 000 l/pulse 10 l/pulse and 10 l/pulse 25 l/pulse and 50 l/pulse	10 l/pulse and 100 l/pulse 10 l/pulse and 1000 l/pulse 10 l/pulse and 10000 l/pulse 100 l/pulse and 100 l/pulse 250 l/pulse and 500 l/pulse	100 l/pulse and 1 000 l/pulse 100 l/pulse and 10 000 l/pulse 100 l/pulse and 100 000 l/pulse 1 000 l/pulse and 1 000 l/pulse 2 500 l/pulse and 5 000 l/pulse	2925M1224 2925M1263 2925M1264 2925I222 2925I283
<b>Falcon radio module</b>	TPR7 RF	internal antenna 868 MHz	2925M1305	external antenna (2 m) 868 MHz	2925M1306
<b>Falcon M-Bus module</b>	PR7 M	DIN EN 1434 M-Bus			2925M1269

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 Changes without notice and  
 facilities excepted

