



## Bulk water meters WPH-N

### Characteristic features:

- Possibility of mounting on horizontal, vertical and inclined pipelines with counter set upwards, sideways or in medium position -H•V,
- Wide measurement range and low starting flow rate,
- Rotor axle parallel to pipe axes,
- Counter of roller- pointer type housed in airtight casing with all gear wheels in dry space,
- Easy read- out due to an adjustable rotary counter,
- Magnetic clutch,
- Removable measuring insert in covered casing,
- Possibility of remote counting of water volume and flow rate (data according to a separate card),
- Possibility of electronic check- up,
- Materials approved for contact with potable water,
- Conformity with the standards ISO 4064, BS 5728, ISO/DIS-10385



### Technical data

1	Nominal flow rate	Qn	m <sup>3</sup> /h	15	25	40	60	100	150	250	400	600	1000
2	Nominal diameter	DN	mm	50	65	80	100	125	150	200	250	300	400
3	Metrological class			B	B	B	B	B	B	B	B	B	B
4	Maximum flow rate	-	m <sup>3</sup> /h	50	60	120	230	250	400	750	1100	1400	2000
5	Maximum working flow rate	Qmax	m <sup>3</sup> /h	30	50	80	120	200	300	500	800	1200	2000
6	Transitional flow rate	Qt	m <sup>3</sup> /h	0.9	1.2	1.8	1.8	2	4	6	11	15	20
7	Minimum flow rate	Qmin	m <sup>3</sup> /h	0.35	0.45	0.5	0.6	1.5	1.8	4	6	12	15
8	Starting flow rate	-	m <sup>3</sup> /h	0.15	0.2	0.25	0.25	0.5	1.0	1.5	3	8	10
9	Flow rate at 0,1 bar head loss	-	m <sup>3</sup> /h	38	40	100	128	170	310	550	800	1250	3000
10	Maximum temperature		°C	50	50	50	50	50	50	50	50	50	50
11	Working pressure max.	PN	bar	16	16	16	16	16	16	16	16	16	16
12	Counter range Scale interval	-	m <sup>3</sup>	10 <sup>6</sup>						10 <sup>7</sup>			
		-	m <sup>3</sup>	0.0005						0.005		0.05	
13	Length	L	mm	200	200	225	250	250	300	350	450	500	600
		h	mm	72	83	95	105	120	135	160	193	230	290
14	Height	H	mm	180	190	212	222	250	350	375	420	490	601
		H1	mm	280	290	332	342	370	575	600	645	715	760
		Dz	mm	165	185	200	220	250	285	340	400	460	515
15	Flange	Dz	mm	165	185	200	220	250	285	340	400	460	515
16	Weight	-	Kg	9.5	10.8	12	15	17	40	51	75	103	250

\* Flange drilling according to ISO-7005 DIN 2501 NP10 or NP16 and BS 4504 NP10, NP16 or other standards.

