

G2 misuratori water meters



WEF - COM

COMBINED WOLTMANN WATER METER

For cold water up to 50°C

Available from DN 50 to DN 150 mm.

PN 10/16

EEC homologated CLASS B (main water meter)

EEC homologated CLASS C (secondary water meter)

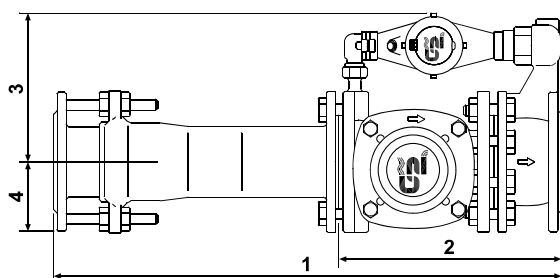
- Main water meter WOLTMANN horizontal helical vane, removable type
- Cast iron body epoxy painted, flanges UNI PN 10/16
- Any measuring unit in contact with water
- Magnetic drive transmission
- Vacuum sealed register (Super Dry) pre-arranged for reed contact
- By-pass meter multi jet, classes B and C
- Switch-over spring valve to divert the flow to the appropriate water meter depending on the flow rate (increasing or reducing)



Hydraulic performances and overall dimensions

mm-inches

	50-2	80-3	100-4	150-6
Qn: nominal flow rate (m ³ /h) main water meter	15	40	60	150
Qn: nominal flow rate (m ³ /h) by-pass meter	2,5	2,5	2,5	10
Continuous flow allowed (m ³ /h)	50	120	180	250
Qmax: maximum flow rate for short period (m ³ /h)	90	200	250	350
Qt: transitional flow rate with error ±2% (m ³ /h)	1	2	2	12
Qmin: minimum flow rate with error ±5% (m ³ /h) by-pass meter	0,02	0,02	0,02	0,06
Flow capacity at 0,1 bar pressure loss (m ³ /h)	14	38	63	140
Capacity of commutation in climb (m ³ /h)	1,8	1,8	2,8	7
Capacity of commutation in reduction (m ³ /h)	1,2	1,2	1,9	4,8
Dial register from/to (m ³)	0,001 999.999	0,001 999.999	0,001 999.999	0,01 9.999.999
1) Length with compensation element (mm)	600 ±20	700 ±40	800 ±25	1000 ±15
2) Length without compensation element (mm)	270	300	350	500 ±15
3) Width (mm)	190	220	220	290
4) Width (mm)	85	100	110	145
Overall height (mm)	207	234	246	355
Holes diameter (mm)	19	19	19	23
N. holes	4	4 / 8	8	8
Weight with compensation element (kg)	25,5	36	45	89
Weight without compensation element (kg)	17,5	24	30	68



On request also available version WEF-COM line (set consists of one compact group, auxiliary water meter and switch-over valve installed in line, without any by-pass pipe outside the water meter).

Continuous development of our products may necessitate changes in details without prior notice.



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